RESOLUTION

concerning

Acceptance of Gift to Southern Connecticut State College from 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
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 sailer "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. 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.

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 Depart­
ment 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
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 WILL FULLY MEET UNDERWRITERS REQUIREMENTS.

GLEN D CASTLE STATE LICENSE MARINE SURVEYER 31 SOUTHWEST 4 ST DANIA.
### PALM BEACH MARINE SURVEY COMPANY

**Date:** December 11, 1969  
**Phone:** VII-2533

#### Houseboat
- Diesel
- Auxiliary
- Gasoline
- Sail Yacht
- Catamaran (T)

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

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

#### Ashore / Afloat
- **Afloat**  
- **Date Dec. 6-7/69**  
- **Gross Tons:** 26.40  
- **Net Tons:** 21.0

#### Owned By:
**Mr. Perry Stevens**  
**Address:** P.O. Box 1073, Stuart, Florida

#### Built By:
**Williston Boat Works**  
**Where Williston, U.C.**

#### Length:
**48'**  
**Reg.** **41.3**  
**Beam:** **13.6**  
**Draft:** **7.3**  
**Type Boat:** Motor Yacht

#### Hull Construction:
- Wood
- Steel
- Plywood
- Plastic
- Molded (Hard chine, blank

#### Advertised or Estimated speed of Yacht:
Approximately 8 - 9 knots

#### Does propeller extend below keel or skag?
- **Not observed**

#### Make of Engine:
**Graymarine (2) Oil H. P. Total 130**  
**Age of Engine Original**

#### Serial # (Starboard): **H-11504**  
**Serial # (Port): E-11503**

#### Is Engine Equipped with Backfire arrester?
- **Carb, Drip Pan?** ---

#### Fuel Tanks Location:
- **Aft in engine comp.**  
- **Type Rectangular**  
- **Material Painted black iron

#### Does overflow & airvent from tanks lead outboard?
- **Yes**

#### Type of stove L.P. Gas
- **Aft cockpit**  
- **Closed**

#### Does Ventilation comply with N. F. P. A. Standards?
- **Yes**

#### Is Yacht equipped with built-in fire extinguisher system?
- **No**

#### Name of Manufacturer of Fire extinguisher
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#### Tender, Description:
- fiberglass  
- **Est. Value:** $250.00  
- **Powered by Outboard?** Yes

#### Sailing dinghy
- Seagull 2-3 hp.

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<th>Bottom</th>
<th>See Comment</th>
<th>Not</th>
<th>Not</th>
<th>Excellent</th>
<th>Good</th>
<th>Fair</th>
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<th>Comments</th>
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<td>Hull Fittings</td>
<td>See Comment</td>
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<td>Fire Extinguishers</td>
<td>See Comment and Recommendation # 2</td>
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LIST AUXILIARY EQUIPMENT

1 - Anchor winch, electric. 1 - Air compressor.
1 - Dual air horn. 1 - Windshield washer.
1 - Refrigeration system. 1 - Hand marine toilet.
2 - Vacuum windshield wipers.
2 - Electric bilge pumps. 1 - Hand bilge pump.
1 - 3 K.W. diesel auxiliary generator.
2 - Main engine generators, 12 volt.
2 - Circulators on main engine transmissions.
1 - Air conditioning system.
1 - Fresh water pressure system.

Waters to be navigated: Vessel suitable for ocean use.
Do you consider this Vessel suitable for these waters? Yes
Does its anchorage provide reasonable shelter? Excellent at present.
Is vessel hauled out during lay up? No
Intended service: Not observed.

LIST ELECTRONIC EQUIPMENT

1 - Model DR9 Bendix depth recorder.
1 - Walco ship to shore radio telephone, equipped for 10 crystals and standard broadcast.
1 - Apelco R.D.F. 8 crystals and standard broadcast.
1 - Wood Freeman automatic pilot.
1 - Automatic fog signal.
1 - Gas fume indicator.
1 - Electrolysis indicator.

** Miscellaneous Equipment **

** Electronic equipment - Cont. **
1 - Apelco MS-11 depth indicator. 1 - Kelvin Hughes Piel CA-1600 Loran.

Miscellaneous Equipment

1 - S/S bow rail, vessel equipped with full life rails. 1 - Roller reefing on main boom.
2 - 16" dia. life rings. 1 - Aft cockpit steering station. 3 - Spare sets of propellers.
2 - Engine hour meters. 1 - Speed indicator. 1 - Wind velocity indicator. 1 Rudder angle indicator.
1 - Constellation marine compass. 1 - Pilot seat. 1 - Portable search light.
1 - Set of docking lights. Vessel equipped with adequate spare parts. Vessel equipped with adequate life saving equipment, navigation equipment, etc. 1 - Engine area electric blower. 1 - Pair of Pacific Coast type stabilizers for anchorage or drifting.

** Comments **

Comment #1. The vessel is reported to have been last hauled for bottom maintenance during May of this year. Mr. Lowe of Lowe's Boat Yard stated that the bottom was found to be in good order at that time and required only standard maintenance. Based on interior observations the bottom appeared in excellent order.

Comment #2. Vessel noted to be equipped with gate valves thru out, see recommendation concerning valves at end of report. Shaft and rudder packing glands were noted to be in good order.

Comment #3. The structural strength of the vessel was noted to be excellent, vessel well framed, generally heavy construction, adequate longitudinal members, etc. No weakness evident, seams in good order, hull not noted to be tight through out.

Comment #4. Hullsides noted to be well finished, clean, no deterioration evident, etc. Exterior cabin surfaces well painted, clean, no deterioration evident.

Comment #5. Cabin spaces noted as follows:
Rope locker contains the ships anchor rode and chain, area generally clean and in good order.
Head located in forepeak, equipped with hand operated marine toilet, vanity, lavatory with hot and cold water, curtained shower, ample stowage spaces and lockers provided, etc.
Forward stateroom located aft of head area, stateroom has berths for three-two starboard over and under and one port, ample stowage spaces and lockers provided below berths, area equipped with air conditioning delivery unit, etc. Aft compartment has a set of drawers with a built-in television receiver.
Survey Report, vessel "ESTRELLITA"
Requested by, Hr. 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 1/2" dia. Jabaco, electric motor driven, located forward in engine comp.
   1 - 1 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 - 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).
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 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.
Acquisition of a suitable boat by the State Colleges as 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**  

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>x Geog. 120</td>
<td>Economic Geography</td>
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<tr>
<td>x Geog. 256</td>
<td>Maps and Map Reading</td>
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<td>x Geog. 272</td>
<td>Physical Geography</td>
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<td>x Geog. 450</td>
<td>Historical Geography</td>
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<td>xx Geog. 439</td>
<td>Urban Geography</td>
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<td>x Geog. 441</td>
<td>Community and Regional Planning</td>
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<td>x Geog. 330</td>
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<tr>
<td>x Geog. 459</td>
<td>Summer Studies in Regional Geography</td>
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<tr>
<td>Geog. 479</td>
<td>Field Methods (alternate years)</td>
</tr>
<tr>
<td>Geog. 598</td>
<td>Research in Geography (alternate years)</td>
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- XX Courses taught every semester.  
- X Courses taught one semester each year.  

RCA: pt  
cc: Dr. Jestin
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:

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Bio. 232, Morphology of the Thallophytes
Bio. 327, Field Natural History
Bio. 429, Aquatic Biology
Bio. 500, Ecology
Bio. 530, 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

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........ $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