

PROJECT ADMINISTRATION DATA SHEET

ORIGINAL REVISION NO. _____

Project No. E-21-681

DATE 1/28/82

Project Director: C. O. Alford

School/~~Lab~~ Elect. Eng.

Sponsor: IBM, Information Systems Division, Fl.

Type Agreement: Agreement No. 874873-96M

Award Period: From 9/1/81 To 3/31/82 (Performance) _____ (Reports)

Sponsor Amount: \$20,900 Contracted through: _____

Cost Sharing: \$6,000 (E-21- 372) 9/30/82 12/31/82 GTRI/GRK

Title: Distributed Computer Architecture for the Control of Cooperative Robots

ADMINISTRATIVE DATA

OCA Contact William F. Brown x4820

1) Sponsor Technical Contact:

Mr. Dick Glaiser, 968/051

IBM Corporation

P. O. Box 1328

Boca Raton, FL 33431

(305) 998-3014

2) Sponsor Admin/Contractual Matters:

Mr. T. J. DeFile, Purchasing

IBM Corp.

Information Systems Division

P. O. Box 1328

Boca Raton, FL 33432

(305) 998-6357

Defense Priority Rating: none

Security Classification: none

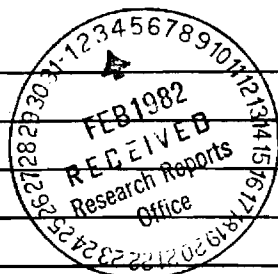
RESTRICTIONS

See Attached _____ Supplemental Information Sheet for Additional Requirements.

Travel: Foreign travel must have prior approval - Contact OCA in each case. Domestic travel requires sponsor approval where total will exceed greater of \$500 or 125% of approved proposal budget category.

Equipment: Title vests with GIT

COMMENTS:



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FORM OCA 4:781

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Computer Input
Project File
Other _____

SPONSORED PROJECT TERMINATION SHEET

Date 5/4/83

Project Title: Distributed Computer Architecture for the Control of Cooperative Robots

Project No: E-21-681

Project Director: C. O. Alford

Sponsor: IBM, Information Systems Division, FL

Effective Termination Date: 12/31/82

Clearance of Accounting Charges: 12/31/82

Grant/Contract Closeout Actions Remaining:

- Final Invoice ~~and Closing Documents~~
- Final Fiscal Report
- Final Report of Inventions
- Govt. Property Inventory & Related Certificate
- Classified Material Certificate
- Other _____

Assigned to: Elect. Engineering (School/Laboratory)

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GEORGIA INSTITUTE OF TECHNOLOGY
SCHOOL OF ELECTRICAL ENGINEERING
ATLANTA, GEORGIA 30332

TELEPHONE: (404) 894-2940

April 25, 1983

M E M O R A N D U M

TO: OCA
FROM: C. O. Alford
SUBJECT: Final Report on Contract E21-681

The attached Ph.D. proposal and cover letter were sent to Dr. M. J. Kelley at IBM. In a phone conversation between Dr. Kelley and Mr. Belyeu there was agreement this would be sufficient documentation for the final report.

COA:sr

656 Field Cliff Dr.
Stone Mountain, Ga. 30087
January 9, 1983

Dr. M. J. Kelly
96A/228
IBM Corporation
P. O. Box 1328
Boca Raton, Florida 33432

Dear Mike:

I have enclosed a copy of my doctoral thesis proposal. According to the Resident Study Program rules that I received from personnel in 1979, my research must be approved by IBM management before I submit the final thesis. I would appreciate it if you would read this proposal and send a memo of approval to Bob Whittemore. Please copy me on the memo.

The Work Completed and Work Remaining sections of my proposal will give you a good idea of my present status in the Ph.D. program at Georgia Tech. Two undergraduate students worked with me through the Christmas holidays. We managed to complete a significant portion of the hardware construction and debug. Eight undergraduates and three master's students are working with me this quarter. All the hardware should be built by the end of winter quarter. The experimental program will be completed in the spring quarter, and my final thesis should be completed during the summer of 1983.

As you know, the support I have been receiving from IBM is scheduled to terminate in March 1983. Since my research has a strong experimental orientation, it is crucial that I remain on campus at Georgia Tech until my final thesis is complete. In other words, I must remain in residence here through the spring quarter and into the summer.

Please inform me of the alternatives that are open to me in order to accomplish that goal.

Since 1971, the average Ph.D. student in the School of Electrical Engineering at Georgia Tech has taken at least 4 years and 3 quarters to complete the program. In spite of all the obstacles that I have had to overcome in order to pursue a practical experimental research program, I am still ahead of that average. I have worked hard over the last three years to gain certain skills and knowledge that I believe will benefit IBM and strengthen my personal career opportunities.

I am proud of what I have accomplished while working under the Resident Study Program, and I am determined to remain at Georgia Tech until I have earned a Ph.D.

Sincerely,

Stan Belyeu

COORDINATED CONTROL OF
TWO ROBOT ARMS

A Proposal for a
Doctoral Thesis

Submitted to the Faculty of
The School of Electrical Engineering
Georgia Institute of Technology

By
Stanley M. Belyeu

Proposed Thesis Advisor: Dr. Cecil O. Alford

November 18, 1982