

Originally Processed With FOIA(s):
2005-0336-F

FOIA Number:
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Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: General Science Files

OA/ID Number: 62044
Folder ID Number: 62044-003

Folder Title:
Physical Sciences - High Performance Computing (HPC) [1989]

Stack:

Row:

Section:

Shelf:

Position:

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"CORRESPONDENCE TRACKING"

TYPE: Information

DOCUMENT NUMBER: 8920414

FROM: G. B. SHERWOOD
AT&T

TO: BROMLEY

DATE OF
CORRESPONDENCE: 11/13/89

SUBJECT: WRITING IN REGARDS TO HIGH PERFORMANCE COMPUTING AND
ASSOCIATED HARDWARE.

ASSIGNED TO:

ACTION REQUIRED: NONE

SENDER'S DUE DATE:

OSTP DUE DATE:

DATE COMPLETED: 11/20/89

COPIES TO: D. Allan Bromley
BOB POST
JUDY BOSTOCK

REMARKS: ENCLOSURES TO DAB

DATE RECEIVED: 11/16/89

FILE: EOB

THE WHITE HOUSE
WASHINGTON

December 6, 1989

Dear George:

It was good to hear from you and to be brought up to date on your present activities. You obviously have been having a very interesting time and the work in which you are engaged is, in my opinion, one of the very important frontier areas of new technology in this nation.

I know that I will have a great many occasions to call on you and your colleagues in the Bell Laboratories for assistance. Dr. Sol Buchsbaum, your executive vice president, is a close personal friend, with whom I served for the past eight years on the Reagan Administration's White House Science Council and who will be a member of the new President's Council of Advisers on Science and Technology (PCAST) that I am setting up at the moment. With him aboard, we will have an excellent channel for communication between OSTP and AT&T Bell Labs.

I have been delighted to keep in touch with the large number of WNSL alumni in the Labs and hope that all of you get a chance to interact from time to time locally.

Our new machine is behaving beautifully, and the group is now taking data at terminal voltages above 18 million volts, with the hope of reaching 20 and more within the year. Unhappily, my transfer here means that, having worked for something like ten years to bring the new facility into existence, I turned over the lab to Peter and moved south just as things began to get interesting.

Right at the moment I am still in the process of building my staff and so am very much overextended, with a calendar that is absolutely jammed. Once I get a few more of my staff in place, early in the new year, I hope that I will have more opportunity to meet with groups like yours and will look forward to doing that.

Please do keep in touch, and in the meantime Pat joins me in sending you our very warmest best wishes.

Sincerely yours,



D. Allan Bromley
Assistant to the President
for
Science and Technology

Dr. George B. Sherwood
AT&T Bell Laboratories
200 Laurel Avenue
Middletown, New Jersey 07748-4801



AT&T Bell Laboratories
November 13, 1989

200 Laurel Avenue
Middletown, New Jersey 07748-4801
201 957 2000

Dr. D. Allan Bromley
Office of Science and Technology Policy
Room 360
Old Executive Office Building
Washington, D. C. 20506

Dear Dr. Bromley:

I read in my November issue of PHYSICS TODAY that you have been involved in planning activities for high performance computing and networking, to support research and education. This report was particularly interesting to me, as I have spent the last five years in the Bell Labs organization responsible for developing our high-speed computer networking products, namely StarLAN Network hardware and StarGROUPTM software. This is the Lab that pioneered the use of standard telephone wire for CSMA/CD computer networks, first at 1 Mbps and then at 10 Mbps. We have since included optical fiber and coaxial cable to our list of supported media, along with a variety of bridges and adapters to configure complete systems.

Since our first software release we have provided file and print servers, by which users share programs and databases, exchange electronic mail, etc. We also offer a comprehensive set of routers, gateways and network managers, to extend these capabilities over multiple locations. In addition, our hardware and software products have been built on industry standards to facilitate open, multi-vendor systems.

We are now engaged in some new development directions which I believe are truly exciting. We would welcome the opportunity to discuss our work with you. If there is anything we can do to support the efforts of you and your staff on this project, please let us know.

I have enclosed a publication describing some of our products for your review.

Sincerely,

George B. Sherwood
G. B. Sherwood

Enclosure
LAN dispatch, Volume I, Issue IV

"CORRESPONDENCE TRACKING"

TYPE: Priority Presidential Cor DOCUMENT NUMBER: 8920236

DATE OF CORRESPONDENCE: 10/27/89

FROM: JOHN WILLIAM PODUSKA, SR.
CHAIRMAN AND CEO
STELLAR COMPUTER, INC.

TO: SUNUNU

SUBJECT: WRITING IN SUPPORT OF "THE FEDERAL HIGH PERFORMANCE
COMPUTING PROGRAM" RECENTLY SUBMITTED TO CONGRESS BY
ALLAN BROMLEY.

ASSIGNED TO: PAUL HURAY

ACTION REQUIRED: DRAFT RESPONSE FOR DAB SIGNATURE

SENDER'S DUE DATE:

OSTP DUE DATE: 11/23/89

DATE COMPLETED: -----

COPIES TO:

FILE: NEOB

DATE RECEIVED: 11/01/89

REMARKS:

T H E W H I T E H O U S E O F F I C E
REFERRAL

OCTOBER 27, 1989

TO: OFFICE OF SCIENCE AND TECHNOLOGY POLICY
ATTN: ALLAN BROMLEY -- FYI

ACTION REQUESTED:
APPROPRIATE ACTION

DESCRIPTION OF INCOMING:

ID: 083791
MEDIA: LETTER, DATED OCTOBER 16, 1989
TO: JOHN SUNUNU
FROM: MR. JOHN WILLIAM PODUSKA SR.
CHAIRMAN OF THE BOARD AND CHIEF
EXECUTIVE OFFICER
STELLAR COMPUTER, INC.
100 WELLS AVENUE
NEWTON MA 02159

SUBJECT: OFFERS SUPPORT FOR "THE FEDERAL HIGH
PERFORMANCE COMPUTING PROGRAM" RECENTLY
SUBMITTED TO CONGRESS BY ALLEN BROMLEY

PROMPT ACTION IS ESSENTIAL -- IF REQUIRED ACTION HAS NOT BEEN
TAKEN WITHIN 9 WORKING DAYS OF RECEIPT, PLEASE TELEPHONE THE
UNDERSIGNED AT 456-7486.

RETURN CORRESPONDENCE, WORKSHEET AND COPY OF RESPONSE
(OR DRAFT) TO:
AGENCY LIAISON, ROOM 91, THE WHITE HOUSE, 20500

SALLY KELLEY
DIRECTOR OF AGENCY LIAISON
PRESIDENTIAL CORRESPONDENCE

ID# 083791

THE WHITE HOUSE
CORRESPONDENCE TRACKING WORKSHEET

INCOMING

SC

DATE RECEIVED: OCTOBER 23, 1989

NAME OF CORRESPONDENT: MR. JOHN WILLIAM PODUSKA SR.

SUBJECT: OFFERS SUPPORT FOR "THE FEDERAL HIGH
PERFORMANCE COMPUTING PROGRAM" RECENTLY
SUBMITTED TO CONGRESS BY ALLEN BROMLEY

ROUTE TO: OFFICE/AGENCY	(STAFF NAME)	ACTION ACT CODE	DATE YY/MM/DD	TYPE RESP	C COMPLETED D YY/MM/DD
JOHN SUNUNU		ORG	89/10/23		89/10/25 TB
REFERRAL NOTE: <i>Allen Bromley</i>			89/10/23		
REFERRAL NOTE: <i>OSTP</i>					
REFERRAL NOTE:					
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REFERRAL NOTE:					
REFERRAL NOTE:					

COMMENTS:

ADDITIONAL CORRESPONDENTS: MEDIA: L INDIVIDUAL CODES: _____

CS MAIL USER CODES: (A) _____ (B) _____ (C) _____

ACTION CODES:	DISPOSITION	OUTGOING
A-APPROPRIATE ACTION	A-ANSWERED	CORRESPONDENCE:
C-COMMENT/RECOM	B-NON-SPEC-REFERRAL	TYPE RESP=INITIALS
D-DRAFT RESPONSE	C-COMPLETED	OF SIGNER
F-FURNISH FACT SHEET	S-SUSPENDED	CODE = A
I-INFO COPY/NO ACT NEC		COMPLETED = DATE OF
R-DIRECT REPLY W/COPY		OUTGOING
S-FOR-SIGNATURE		
X-INTERIM REPLY		

REFER QUESTIONS AND ROUTING UPDATES TO CENTRAL REFERENCE
(ROOM 75, OEOB) EXT-2590
KEEP THIS WORKSHEET ATTACHED TO THE ORIGINAL INCOMING
LETTER AT ALL TIMES AND SEND COMPLETED RECORD TO RECORDS
MANAGEMENT.

THE WHITE HOUSE
WASHINGTON

December 27, 1989

Dear Mr. Poduska:

I am writing in regard to the note that you sent to Governor Sununu in November about "The Federal High Performance Computing Program" document I transmitted to the Congress in September 1989. We appreciate your support of this program and your offer to assist. I am sorry to be so long in responding.

I am now in the process of developing an industry/academia advisory panel as called for on page 4 of that document. This panel will offer formal guidance from all sectors on the program's cross-sector balance: breadth of applicability, network security, competitiveness versus international cooperation, and technology transfer effectiveness. I have asked one of my staff, Dr. Paul G. Huray, to contact you about your ideas of how that panel should function and about its membership.

I agree that this activity is important to the Nation's competitiveness and to the identity of the President as a leader on critical science and technology issues. Your ideas will be valuable in extending our existing "federal" program into a "national" program.

Sincerely,



D. Allan Bromley
Assistant to the President
for
Science and Technology

Mr. John William Poduska, Sr.
Chairman of the Board and
Chief Executive Officer
Stellar Computer
100 Wells Avenue
Newton, MA 02159

Stellar Computer Inc.

83791

Stellar

100 Wells Avenue
Newton, MA 02159
617 964 1000

October 16, 1989

John William Poduska, Sr.
Chairman of the Board and
Chief Executive Officer

Mr. John Sununu
Chief of Staff
Office of the President
Pennsylvania Avenue
Washington, DC

Dear John,

I am writing in regard to "The Federal High Performance Computing Program" which has recently been transmitted to Congress by Dr. D. Allen Bromley, Director of the Office of Science and Technology Policy.

I am very impressed with this proposal. It does great credit to the President by simultaneously:

1. accelerating U.S. Computer Technology,
2. meeting a Japanese challenge,
3. gaining additional support for the President from the scientific and academic community.

A number of my colleagues in industry and academics met recently and whole heartedly endorsed this program. We offer our support in whatever capacity may be appropriate.

I write this letter to tell you of our support and willingness to speak to the issues in any forum that you and Dr. Bromley may think appropriate, including letter, testimony, peer review, etc. I believe a brief visit by six to eight of us would serve the dual purpose of indicating our strong support for the President's program, and energizing some of our more liberal friends in the computer industry and academia to participate in supporting our President. This would seem to be an appropriate role for a Republican Eagle!

On a personal note, I would enjoy catching up with a fellow ex-MIT Professor, and chat with you about the computer business (especially Apollo) a bit.

I will follow up with a call later this week.

Cordially,



Stellar Computer Inc.

Stellar

100 Wells Avenue
Newton, MA 02159
617 964 1000

October 16, 1989

John William Poduska, Sr.
Chairman of the Board and
Chief Executive Officer

Mr. John Sununu
Chief of Staff
Office of the President
Pennsylvania Avenue
Washington, DC

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I will follow up with a call later this week.

Cordially,

Bill Poduska

Stellar

85 Wells Avenue
Newton, MA 02159
617 964 1000

TO: John Sullivan, Chief of Staff
LOCATION: Office of the President
FAX NUMBER: 202 - 456 - 6797

FROM: John Sullivan Poduska S (Burr)

LOCATION: Stellar Computer, Inc.
85 Wells Avenue
3rd Floor
Newton, MA 02159

FAX NUMBER: (617) 964-6841

TOTAL NUMBER OF PAGES: 2
Including this page

FROM	SUBJECT	DISPOSITION	REC'D
IRELAND, ANDY, THE HONORABLE U.S. HOUSE OF REPRESENTATIVES WASHINGTON, DC 20515 MAY 02, 89	FORWARDS LETTER FROM DR. DAVID CARRIER REQUESTING MEETING TO DISCUSS USE OF ADVANCED HELIUM - 3 FUSION FUEL CYCLE FOR PROVISION OF FUSION ENERGY	890615 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 178	036068
MCCARTHY, KATHRYN A., DR. PROFESSOR OF PHYSICS TUFTS UNIVERSITY DEPARTMENT OF PHYSICS AND ASTRONOMY MEDFORD, MA 02155 JUN 23, 89	FORWARDS COPY OF THEIR RECOMMENDATION OF ALLAN CORMACK FOR A NATIONAL SCIENCE MEDAL; SEEKS JHS'S SUPPORT AND WOULD LIKE JHS TO MENTION IT TO ALAN BROMLEY	890703 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 160	047974
TODOROVICH, MIRO M., MR. EXECUTIVE DIRECTOR SCIENTISTS AND ENGINEERS FOR SECURE ENERGY SUITE 1007 570 SEVENTH AVENUE NEW YORK, NY 10018 JUN 22, 89	WRITES CONCERNING HEALTH RISKS FROM ELECTROMAGNETIC FIELDS	890710 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 153	047759
FREIDBERG, J.P., MR. PROFESSOR OF NUCLEAR ENGINEERING PLASMA FUSION CENTER MASS. INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA 02139 JUN 30, 89	STRONGLY PROTESTS THE ACTION OF THE HOUSE APPROPRIATIONS COMMITTEE WHICH CUT \$68.8 MILLION FROM MAGNETIC FUSION; URGES WHITE HOUSE ACTION TO RESTORE FULL FUNDING	890720 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 143	050176
FLEER, CHARLES H., MR. 4855 110TH STREET, NORTH ST. PETERSBURG, FL 33708 OCT 15, 89	FEELS THE PRESIDENT SHOULD PLACE MORE EMPHASIS ON TECHNOLOGY DEVELOPMENT TO THE POINT OF ELEVATING IT TO THE LEVEL OF SCIENCE IN THE UNITED STATES	891024 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 047	082979
PODUSKA, JOHN WILLIAM, MR., SR. CHAIRMAN OF THE BOARD AND CHIEF EXECUTIVE OFFICER STELLAR COMPUTER, INC. 100 WELLS AVENUE NEWTON, MA 02159 OCT 16, 89	OFFERS SUPPORT FOR "THE FEDERAL HIGH PERFORMANCE COMPUTING PROGRAM" RECENTLY SUBMITTED TO CONGRESS BY ALLEN BROMLEY	891027 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 044	083791
FLAVIN, CHRISTOPHER, MR. VICE PRESIDENT FOR RESEARCH WORLDWATCH INSTITUTE 1776 MASSACHUSETTS AVENUE, N.W. WASHINGTON, DC 20036 OCT 25, 89	ENCLOSES FOR GOVERNOR SUNUNU'S REVIEW A PAPER ENTITLED "SLOWING GLOBAL WARMING: A WORLDWIDE STRATEGY"	891030 OFFICE OF SCIENCE AND TECHNOLOGY POLIC 041	085295