May 20, 1971

Honorable Joseph M. Montoya United States Senate Washington, D. C.

Dear Senator Montoya:

54 2-1

I am writing to provide you with the information you requested concerning the application of Mr. Charles Hernandez for employment by OTP. I assure you that we have given that application intensive consideration.

Mr. In...andez first spoke with us on July 21, 1970, before the ornce was formally established, at which time we assured him we would discuss the possibility of his employment after OTP was organized. In November, an interview was arranged with my Special Assistant, Stephen Doyle. This was followed by a series of interviews with our top-level personnel on April 22 of this year.

Those who spoke with Mr. Hernandez and examined his credentials unanimously advised me that his engineering experience and abilities did not meet the needs of our Office. His response to questions covering his previous work indicated inadequate knowledge of the detailed engineering aspects of the subjects involved, and he did not display an awareness of the role which engineering analysis plays in policy formulation.

In the light of your expressed interest, I undertook a thorough and sympathetic reconsideration of Mr. Hernandez' application, but found nothing which could cause an honest alteration of our original assessment. In fact, a closer examining of his credentials revealed that his engineering background was heavily weighted towards equipment details rather than engineering analysis. As my testimony before your Subcommittee indicated, our Office is expected to remain small, although the industry with which we deal is quite large and its problems exceedingly complex. We must, therefore, be very selective in each choice which we make for our professional staff. We have tried to assist Mr. Hernandez by referring him to the Office of Telecommunications located in the Department of Commerce or another agency that might be able to utilize his talents, but he has indicated that he is not interested.

I hope you will understand our position in this matter. As you requested prior to the hearings yesterday, I will be happy to discuss it with you personally at any time.

Sincerely, Ely Mith

Clay T. Whitehead

cc: Mr. Whitehead Dr. Mansur Mr. Scalia Mr. Lamb Mr. Urbany Mr. Thornell

Scalia/Lamb/Whitehead:jm

EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON. D.C. 20504

OFFICE OF THE DIRECTOR

Memorandum to the Director-

Accreditation of Chicago Technical College

According to Mr. Brady in the Admissiona Office of the Chicago Technical College, the school is not accredited by the North Centzal Organization. (This is one of six regional organizations, represented by a Feder tion which develops national standards in acrediting for regional application by;the associations. The rulings of the six and of the Federation are published by the American Council on Education. The North Central Association is the accrediting body recognized by the U.S. Office of Education.)

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Linda K. Smith May 20, 1971 ectory of reditation

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Accredited Institutions of Higher Education 1969-70

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Candidates and Correspondents of Accrediting Commissions

AND INSTITUTIONAL EXHIBITS SUPPLEMENTARY TO

American Universities and Colleges

American Junior Colleges

OFFICE OF REFERENCE PREFERENCESS

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Library of Congress Catalog Card Number 64-25852 Printed in the United States of America

B. Federation of Regional Accrediting Commissions of Higher Education

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The endorsement and recognition of regional accrediting by the Federation reflects the long-standing reciprocity among the regional associations with respect to recognition of accredited status. That is to say, accreditation of an institution by one regional agency has long been accepted and respected in the other regions as evidence that the institution's preferred accredited status.

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Officers

Rev. EDWARD J. DRUMMOND, S.J., Vice President for the Medical Center, Saint Louis University, Chairman Former, President, St. Lawrence University; Vice-Chairman

NORMAN DURNS, Executive Secretary, Commission on Colleges and Universities of the North Central Association of Colleges and Secondary Schools; Executive Director

Constituent Commissions

Commission on Institutions of Higher Education of the Middle States Association of Colleges and Secondary Schools, F. Taylor Jones, Executive Secretary, 225 Broadway, New York, N.Y. 10007

Commission on Institutions of Higher Education of the New England Association of Colleges and Secondary Schools, Inc., Ralph A. Burns, Director, 50 Beacon Street, Boston, Mass. 02108

Commission on Colleges and Universities of the North Central Association of Colleges and Secondary Schools, Norman Burns, Executive Secretary, 5454 South Shore Drive, Chicago, Ill. 60615

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1969-70 | Accredited Institutions of Higher Education 227

Illinois

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BARAT COLLEGE Lake Forest 60045. Private (Roman Catholic) liberal arts for women. 1943/1964. Sem. plan. Degrees: B. Pres. Sister Margaret Burke. Enroll.: 683 (597 w.)

BELLEVILLE AREA COLLEGE Belleville 62221. Public (district). 1961/1968. Sem. plan. Degrees: A. Prof. Accred.: Technical Nursing. Pres. H. J. Haberaecker. Enroll.: 2,865 (832 m., 550 w.)

BLACK HAWK COLLEGE Moline 61265. Public (district) junior. 1951/ 1966. Branch campus at Kewanee. Sem. plan. Degrees: A. Pres. Alban E. Reid. Enroll.: 3,112 (1,179 m., 544 w.)

BLACKBURN COLLEGE Carlinville 62626. Private (United Presbyteian) liberal arts. 1918/1965. Sem. plan. Degrees: B. Pres. Glenn L. McConagha. Enroll.: 606 (314 m., 282 w.)

BRADLEY UNIVERSITY Peoria 61606. Private. 1913/1966. Sem. plan. Degrees: A,B,M. Prof. Accred.: Chemistry, Engineering (civil, electrical, industrial, mechanical), Music, Teacher Education (e,s,p). Pres. Talman W. Van Arsdale, Jr. Enroll.: 6,170 (3,319 m., 1,664 w.)

CENTRAL Y.M.C.A. COMMUNITY COLLEGE Chicago 60606. Private junior. 1969. Sem. plan. Degrees: A. Pres. Donald A. Canar. Enroll.: 3,613 (1,507 m., 433 w.)

CHICAGO CITY COLLEGE 180 N. Michigan, Chicago 60601. Public (state) junior colleges. Sem. plan. Degrees: A. Chanc. Oscar E. Shabat. The following were formerly accredited as part of Chicago City Junior College, which was first accredited in 1941.

CHICAGO CITY COLLEGE-AMUNDSEN-MAY-FAIR CAMPUS Chicago 60630. 1967. Dean Theodore G. Phillips. Enroll.: 3,362 (983 m., 545 w.)

Illinois

CHICAGO CITY COLLEGE-BOGAN CAMPUS Chicago 60652. 1967. Pres. R. Stephen Nicholson. Enroll.: 4,572 (1,312 m., 228 w.)

CHICAGO CITY COLLEGE-CRANE CAMPUS Chicago 60612. 1967. Pres. Charles G. Hurst. Enroll.: 2,020 (357 m., 338 w.)

CHICAGO , CITY COLLEGE-FENGER CAMPUS Chicago 60628. 1967. Dean Doyle O. Bon Jour. Enroll.: 3,393 (247 m., 53 w.)

CHICAGO CITY COLLEGE-LOOP CAMPUS Chicago 60601. 1967. Dean David H. Heller. Enroll.: 7,015 (1,347 m., 671 w.)

CHICAGO CITY COLLEGE-SOUTHEAST CAMPUS Chicago 60617. 1967. Pres. Theodore Powell. Enroll.: 3,564 (1,041 m., 519 w.)

CHICAGO CITY COLLEGE-WILSON CAMPUS Chicago 60621. 1967. Pres. Maceo T. Bowie. Enroll.: 4,839 (1,352 m., 748 w.)

CHICAGO CHI I COLLEGE WHIGHT CAMPUS Chicago 60634. 1967. Dean Ernest V. Clements. Enroll.: 7,180 (2,536 m., 1,105 w.)

CHICAGO STATE COLLEGE 6800 S. Stewart Ave., Chicago 60621. Public teachers. 1941/1969. Tri. plan. Degrees: B,M. Prof. Accred.: Teacher Education (e,s,p). Pres. Milton B. Byrd. Enroll.: 5,911 (896 m., 1,752 w.)

COLLEGE OF DUPAGE Glen Ellyn 60137. Public (district) junior. 1932/1968. Qtr. plan. Degrees: A. Pres. Rodney Berg. Enroll.: 4,072 (1,910 m., 496 w.)

COLLEGE OF ST. FRANCIS Joliet 60435. Private (Roman Catholic) liberal arts for women. 1938/1964. Sem. plan. Degrees: B,M. Pres. Francis J. Kerins. Enroll.: 904 (729 w.)

CONCORDIA TEACHERS COLLEGE River Forest 60305. Private (Lutheran-Missouri Synod) for training of parochial school teachers. 1950/1962. Qtr. plan. Degrees: B.M. Prof. Accred.: Teacher Education (e,s). Pres. Martin L. Koehneke. Enroll.: 1,521 (572 m., 825 w.)

1969-70 | Accredited Institutions of Higher Education 29

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Lutheran in Sem. plan. Chemistry. Called the American Association of State Colleges and Universities re the Chicago Technical College. They do not credit schools -- they are just an association. She suggested I call the National Commission on Acrediting: They said it is not accredited as far as their regions are concerned, but the reference book she has said the Office of Education DOES credit the College.

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Checked with the OEP library -- Carol Wanner. She said that according to their book, The Educational Directory of 1969-70, the Chicago Technical Collehe is listed, but there is no accreditation for it.

Mrs. Smith will check further.

cci Dr. Mansur Brian Lamb

cc: Mr. Whitehead

April 20, 1971

MEMO FOR:

Walt Hinchman Charlle Joyce. Seb Lasher Jack Thornell

From:

Frank Urbany

Subject:

Interviews for Charles Hernandez, Thursday, April 22

C. Joyce 10:30 am W. Hinchman 11:00 am 5. Lasher 11:30 am J. Thornell 12:00

Interviews for Mr. Hernandes with OTF staff have been scheduled as indicated above.

Mr. Hernandez is currently a GS-12 at the Rural Electrification Administration and is seeking a position at the GS-13 level with this Office.

The following background review is provided for your information:

As far back as September 1969, Mr. Hernandez expressed a desire to work for the then Office of Telecommunications Management, OEP. He has expressed a similar desire on several occasions subsequent to the creation of the current OTP. In response to a letter from Senator Montoya on February 16, 1971, requesting that Mr. Hernandez be given consideration for a position at OTP, it was determined that there were no positions in this Office appropriate to his qualifications. However, we offered to contact other Federal agencies on Mr. Hernandez' behalf as well as offering the opportunity for further interviews at OTP. On March 9 by telephone, I offered to set up Interviews with senior OTP staff or, alternatively, with DOC/OT. However, he declined both offers.

On April 6, Mr. De Baca, Director of the President's Sixteen-Point Program for Spanish-Speaking Americans, wrote the Director concerning Mr. Hernandes' application and advising generally of the Spanish-Speaking Program. The Director responded on April 20, 1971.

Most recently, on March 24, Mr. Hernandes amplified his interest and background relative to consideration by OTP and provided an updated description of his current position as a GS-12 communications specialist.

I am sure that you will want to acquaint yourselves thoroughly with Mr. Hernandez' entire file prior to interviewing him because of the posture and interest being expressed in this case. Therefore, his file is being circulated at this time for your review. Following the interview, please use the regular OTP Form 2 to comment fully on the results of the interview using additional space as necessary.

Please return the file to Mrs. McAllan prior to Thursday so that it is available for the interviews at the scheduled times.

cc: Mr. Whitehead Dr. Mansur

April 20, 1971

Mr. Fernando E. C. De Baca Director

President's Sizteen-Point Program for Spanish-Speaking Americans United States Civil Service Commission

Washington, D. C. 20415

Dear Mr. De Baca:

This is in reply to your letter of April 6 concerning the application of Mr. Charles Hernandez for a position with this Office.

We carefully considered Mr. Hernandez' application earlier in connection with a request from Senator Joseph M. Montoya. New Mexico. Although we determined at that time that there were no positions in this Office appropriate to his qualifications, we offered to provide Mr. Hernandez with the opportunity for further interviews with OTP as well as assisting him in locating another position in the communications field elsewhere in the Federal Government. Further interviews here have now been arranged.

Thank you for bringing to our attention the President's Sixteen-Point Program for employment of the Spanish-speaking Americans. You can be assured of our cooperation in the implementation of this important program.

Sincerely, Ch Philles

Clay T. Whitehead

FSUrbany:lmc cc: Mr. Whitehead (2) Subject file ADM Reading file FSU

9 MAR 1971

Honorable Joseph M. Montoya United States Senate Committee on Appropriations Washington, D. C. 20510

Dear Senator Montoya:

Thank you very much for your letter of February 16 concerning the interest of Charles Hernandez in employment in this Office. Mr. Hernandez's application here has been carefully reviewed in connection with a personal interview some weeks ago.

Although we have determined that at this time there are no positions in this Office appropriate to his qualifications, Mr. Hernandez's qualifications and experience may be appropriate to a number of possible positions elsewhere in the Federal Government. I directed my Administrative Officer to contact Mr. Hernandez to discuss with him possible ways in which this Office might be able to assist him in locating another position in the government should he so desire. As a result of that call, Mr. Hernandez requested and we will provide opportunity for further interviews here at OTP. I will keep you fully informed as to the outcome of these talks.

We appreciate your endorsement and your interest in this matter.

Sincerely, Signed

Clay T. Whitehead

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MICHARD B. RUSSELL, DA., CHAIRMAN

ALLEN J. FLLENDER, LA. JOHN L. MCCLELMAN, ARK. WARREN G. MAUNUGON, WARM. SPESSARD L. HOLLAND, PLA. JOHN G. STENNIS, MILS. JOHN G. FASTORE, R.L. JOHN C. PASTORE, R.I. ALAN BIBLE, NEV. ROBEFT C. BYRD, W. VA. GALE W. MC CHEL, WYO. MIKI MANSFIELD, MONT. WILLIAM PROXMIRE, WIS. RALPH YARDOHOUGH, TEX. JOSEPH M, MONTOYA, N. MEM.

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THOMAS J. SCOTT, CHIEF CLERK WM. W. WOODRUFF, COUNSEL

United States Senate

COMMUTTEE ON APPROPRIATIONS WASHINGTON, D.C. 20510

February 16, 1971

Dr. Clay T. Whitehead Director Executive Office of the President Office of Telecommunications Policy Washington, D. C. 20504

Dear Dr. Whitehead:

It has come to my attention that Mr. Charles Hernandez of 4200 37th St., N.W., Washington, D. C., has applied for and is deeply interested in securing a position with your organization.

I would be deeply grateful if all appropriate consideration would be afforded Mr. Hernandez's qualifications and abilities, and a report furnished me on the status of his application at the earliest convenience.

Thanking you for all your assistance and consideration and with my very best wishes,

Sincerely,

asyst a Shortaya Joseph M. Montoya

United States Senator

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EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON, D.C. 20504 me

June 15, 1971

To:

Mike McCrudden Frank Urbany

From:

Re:

Charles Hernandez

Mr. Hernandez called yesterday inquiring about the status of his employment application and the results of his interview of April 22. I returned his telephone call today and advised him that the results of the interview were negative and that it was our consensus that "his engineering experience and abilities would not meet the needs of our Office." I indicated that we had conveyed this view to Senator Montoya on May 20 and I am sure that Mr. Hernandez is well aware of the contents of that letter.

Mr. Hernandez indicated to me that he would like to take us up on our earlier offer to arrange an interview for him with the Department of Commerce, Office of Telecommunications. I told him that you were handling this area and that you would soon be in contact with him. He can be reached at his office on 388-3173.

I would appreciate it if you would call him or write him to the effect that such an interview would be forthcoming at an appropriate time.

EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON, D.C. 20504 -

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CHICAGO CITY COLLEGE—BOGAN CAMPUS Chicago 60652. 1967. Pres. R. Stephen Nicholson. Enroll.: 4,572 (1,312 m., 228 w.)

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CHICAGO CITY COLLEGE—CRANE CAMPUS Chicago 60612. 1967. Pres. Charles O.-Hurst. Enroll.: 2,020 (357 m., 338 w.)

CHICAGO, CITY COLLECE—FENGER CAMPUS Chicago 60628. 1967. Dean Doyle O. Bon Jour. Enroll.: 3,393 (247 m., 53 w.)

CHICAGO CITY COLLEGE—LOOP CAMPUS Chicago 60601. 1967. Dean David H. Heller. Enroll.: 7,015 (1,347 m., 671 w.)

CHICAGO CITY COLLEGE—SOUTHEAST CAMPUS Chicago 60617. 1967. Pres. Theodore Powell. Enroll.: 3,564 (1,041 m., 519 w.)

CHICAGO CITY COLLEGE—WILSON CAMPUS Chicago 60621. 1967. Pres. Maceo T. Bowie. Enroll.: 4,839 (1,352 n., 748 w.)

CHICAGO CATY COLLEGE-WHIGHT CAMPUS Chicago 60634, 1967. Dean Ernest V. Clements. Enroll.: 7,180 (2,536 m., 1,105 w.)

CHICAGO STATE COLLEGE 6800 S. Stewart Ave., Chicago 60621. Public teachers. 1941/1969. Tri. plan. Degrees: B,M. Prof. Accred.: Teacher Education (e,s,p). Pres. Milton B. Byrd. Enroll.: 5,911 (896 m., 1,752 w.)

College of DuPage Glen Ellyn 60137. Public (district) junior. 1932/1968. Qtr. plan. Degrees: A. Pres. Rodney Berg. Enroll.: 4,072 (1,910 m., 496 w.)

Collece of St. FRANCIS Joliet 60435. Private (Roman Catholic) liberal arts for women. 1938/1964. Sem. plan. Degrees: B,M. Pres. Francis J. Kerins. Enroll.: 904 (729 w.)

CONCORDIA TEACHERS COLLEGE. River Forest 60305. Private (Lutheran-Missouri Synod) for training of parochial school teachers. 1950/1962. Qtr. plan. Degrees: B,M. Prof. Accred.: Teacher Education (e,s). Pres. Martin L. Kochneke. Enroll.: 1,521 (572 m., 825 w.)

1969-70 | Accredited Institutions of Higher Education

29

Thursday 5/20/71

Called the American Association of State Colleges and Universities re the Chicago Technical College. They do not credit schools -- they are just an association. She suggested I call the National Commission on Acrediting: They said it is not accredited as far as their regions are concerned, but the reference book she has said the Office of Education DOES credit the College.

Checked with the OEP library -- Carol Wanner. She said that according to their book. The Educational Directory of 1969-70, the Chicago Technical Collehe is listed, but there is no accreditation for it.

Mrs. Smith will check further.

cci Dr. Mansur Brian Lamb

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OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON

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Charles Hernandez

Interviews: Thursday, April 22

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PERSONNEL QUALIFICATION EVALUATION

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Form OTP 2	2 2				
March 1971					

EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON, D.C. 20504

Date: April 26, 1971

•• • • • •

Sublect: Interview with Mr. Hernandez

To: Dr. George Mansur

On Thursday I interviewed Mr. Hernandez concerning a possible position with OTP. I attempted to get him to tell me what types of work he has done in his past jobs in order to determine his capabilities. He spoke freely about what his organizations did but it was difficult to get him to be at all specific about his own efforts. The best I could get out of him was that he did marketing, management, equipment layout in communications buildings and that in his present assignment at REA he kept files, handled correspondence, and worked at developing standards. I explored the standards work with him and asked him how he went about developing standards. He indicated that he talked with industry and other government agencies. I could not get any indication that there was any analysis or engineering involved in the development of standards or in any other phase of his work experience.

It appears to me that he has had very low level jobs, somewhere between a clerk and a technician and I do not believe he has anything like the experience that we need in this office.

Jovce, Jr.

Charles Hernandez

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Summary of Resume!

Current: GS 12 Communications Specialist

REA June 69 to Present

---- "Duties entail developing Voice and Data equipment practices, standards, criteria, specifications and technical data through studies, laboratory tests and manufacturer liason."----

United Design Service (March 69-June 69) Engineering Division Head (Acting)

Prepared by Thorseell

Appears to be marketing and administration. Making bids and proposals assignment of personnel. Soliciting new business and contracts.

Burnup and Sims (January 69-March 69) General Systems Engineer

Trunking, interface, and signalling design using General Telephone practices.

Mells Systems Engineering Center (May 68-January 69) Technical Staff

Bid & proposal activity. Advised Marketing Manager on communications contracts. Assisted Director of Engineering. Attended bid conferences. Projects appear to be data and intercom systems.

Page (March 66- December 67) Engineer

Tech control on IWCS. (Generally drawing and configurations control)

RCA (March 63-March 66) Engineer

Coordinated WSMR wire line communications.

Tech-rep for DCA Europe

Alpha Engineering Service (October 61-March 63) Communications Engineer Specification conversion and drawing control. Testing and installation.

ITT Kellogg (March 60 - October 61)

Specification preparation and installation drawings.

Automatic Electric (July 57- May 60)

OJT installation training.

December 67-May 68 Technical counselot with employment agency.

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3 - OTP could use to advantage

4 - OTP needs such people5 - OTP should get this candidate

April 20, 1971

Mr. Fernando E. C. De Baca Director President's Sixteen-Point Program for Spanish-Speaking Americans United States Civil Service Commission Washington, D. C. 20415

Dear Mr. De Baca:

1

This is in reply to your letter of April 6 concerning the application of Mr. Charles Hernandez for a position with this Office.

We carefully considered Mr. Hernandez' application earlier in connection with a request from Senator Joseph M. Montoya. New Mexico. Although we determined at that time that there were no positions in this Office appropriate to his qualifications, we offered to provide Mr. Hernandez with the opportunity for further interviews with OTP as well as assisting him in locating another position in the communications field elsewhere in the Federal Government. Further interviews here have now been arranged.

Thank you for bringing to our attention the President's Sixteen-Point Program for employment of the Spanish-speaking Americans. You can be assured of our cooperation in the implementation of this important program.

Sincerely,

1. PATA

Clay T. Whitehead

FSUrbany:lmc cc: Mr. Whitehead (2) Subject file ADM Reading file FSU



UNITED STATES CIVIL SERVICE COMMISSION

IN REPLY PLEASE REFER TO

WASHINGTON, D.C. 20415

YOUR REFERENCE

6 APR 1971

Dr. Whitehead Director Office of Telecommunications Policy Executive Office of the President 1800 G Street, N.W. Washington, D. C. 20006

Dear Dr. Whitehead:

It has come to my attention that Mr. Charles Hernandez has applied for a position as Communications Engineer (GS-13) with the Office of Telecommunications Policy (OTP). Since yours is a relatively new agency within the Executive Office of the President, I thought I might take this opportunity to apprise you of the President's Sixteen-Point Program for employment of Spanish-speaking Americans in the Federal government and to solicit your cooperation in the implementation of this significant program.

1 am enclosing a copy of Civil Service Commission Bulletin #713-16 which describes the Sixteen-Point Program in detail. You will note that the program applies to both career and excepted service (Schedules A, B, C) positions in the Federal government.

I have spoken with Mr. Urbany of your staff concerning Mr. Hernandez' interest in working for your agency and he has advised me that a followup interview has been arranged for him. In this connection, I want to take this opportunity to offer my services in the recruitment and referral of qualified Spanish-speaking Americans for vacancies within your agency. In addition, Mr. Antonio Rodriguez, Executive Director of the Cabinet Committee on Opportunities for the Spanish-Speaking, has asked me to convey to you his offer of assistance and that of the entire Cabinet Committee staff in this important endeavor.

Sincerely.

Fernando E. C. De Baca Director President's Sixteen-Point Program for Spanish-Speaking Americans

Enclosure

THE MERIT SYSTEM-A GOOD INVESTMENT IN GOOD GOVERNMENT

UNITED STATES CIVIL SERVICE COMMISSION

BULLETIN

BULLETIN NO. 713-16

Washington, D.C. 20415 February 12, 1971

SUBJECT:

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Sixteen-Point Program To Assist Spanish-Surnamed

Heads of Agencies and Independent Establishments:

1. On November 5, 1970, President Nixon committed the Government as a responsible employer to a sixteen-point program to provide improved access to Federal employment for Spanish-surnamed Americans (attached). The goal of equal opportunity without regard to race, color, religion, sex, or national origin is embedded in the merit system itself. In recent decades we have come to recognize that its achievement requires positive efforts and these have evolved into a comprehensive equal employment opportunity (EEO) program. To be successful, EEO program actions must often be tailored not only to the specific employment situation, but also to the group involved. The sixteen-point program serves to reemphasize this fact with respect to the Spanish-surnamed; the purpose of this Bulletin is to furnish guidance on steps required to carry it out.

2. Among the actions which have been completed or are under way are the following:

- a. Mr. Fernando E. C. DeBaca was recently selected by the Commission as Director of the Government-wide Spanish Speaking Program.
- Equal Employment Opportunity Conferences have been set for the following dates:
 - (1) Denver, Colorado: February 16-18, 1971
 - (2) Dallas, Texas: February 22-24, 1971
 - (3) San Diego, California: March 2-4, 1971
 - (4) Atlantic City, New Jersey: March 17-19, 1971

INQUIRIES: Manpower Sources Division, BRE, Telephone 63-26013 or Code 101, Ext. 26013

713 - Equal Employment Opportunity

DISTRIBUTION: FPM

BULLETIN EXPIRES: January 31, 1972

BTN. NO. 713-16 (2)

c. By memorandum to Directors of Equal Employment Opportunity and Directors of Personnel dated December 28, 1970, each department and agency was asked to examine its EEO plan of action, and revise it as necessary, to assure full applicability to the Spanish-surnamed. The memorandum also called for review of EEO program staffing to assure understanding of the special problems of the Spanish-speaking.

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3. Implementation of many program elements must take place at the operating level, with close collaboration between CSC and agency personnel. Commission regional and area offices have been directed to work with the employing activities they serve to make a comprehensive review of the total program immediately, followed by action to fulfill the promise of the sixteen-point program. Illustrative of the kinds of action which would be appropriate in most areas are the following:

- a. Reviewing recruitment plans, and evaluating recruitment activity, to assure full coverage of all manpower sources providing access to Spanish-surnamed candidates.
- b. Identifying educational institutions with significant numbers of Spanish-surnamed students.
 - Assuring continuing recruitment at identified schools.
 - (2) Identifying employees best able to relate to students by virtue of age, ethnic identification, occupation, attainment, school attended, etc., and using them in campus visits for interviewing, speaking, and administering on-campus tests.
 - (3) Publicizing campus recruitment or informational visits through associations, individuals, publications, etc., in close touch with minority students, to increase the likelihood that students will take advantage of visits.
 - c. Following up on applications resulting from institutional visits and other special recruitment efforts, to assure full consideration for employment.
 - d. Promoting involvement of Spanish-surnamed high school and college faculty, administrators, and guidance personnel.

 Through high school and college relations committees, and other sources, identifying and providing placement assistance to educators interested in summer or other temporary or part-time employment.

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- (2) Employing educators as consultants in recruitment, employment, and training or development programs, using their expertise to improve program planning, execution, and evaluation.
- (3) Assuring that educators are kept up to date on Federal job opportunities and how to take advantage of them, so that they may be effective in advising and assisting students.
- e. As one of the more important aspects of the position management program, continually reviewing missions, jobs and duties, to identify areas in which an understanding of Spanish-American culture and problems is desirable; where bilinguality as a factor in selection should be considered; or for opportunities to employ individuals under cooperative work-study, stay-inschool, Veterans Reacjustment Appointment, etc.
- f. Using bilingual ability for selective certification to jobs involving contact with Spanish-surnamed people.
- g. Participating in cooperative work-study programs. (Reference: CSC Bulletin 330-15, May 25, 1970, Cooperative Work-Study.)
- h. Fully utilizing all available resources and channels of communication for bringing people and jobs together.
 - Assuring that organizations of Spanish-surnamed people are on continuously up-dated mailing lists to receive information about Federal employment.
 - (2) Identifying leaders in the Spanish-surnamed community and enlisting their assistance in disseminating information, and providing advice and assistance, to potential job-seekers.
 - (3) Publicizing appointments, awards, and contributions of Spanish-surnamed employees as appropriate through community or campus media.

BTN. NO. 713-16 (4)

(4) Providing information and assistance on opportunities for returning veterans, including VRA employment, to individuals and groups able to reach Spanish-surnamed veterans, and assuring that means are effectively in use for referring veterans from such sources to jobs.

- i. Helping students complete their educations through summer and stay-in-school employment; using influence as employers, encouraging and participating in community efforts to establish programs to provide support for students from low-income families.
- j. Fully integrating special employment activities with the total staffing and employee development programs to achieve maximum impact in terms of entry into, and advancement within, administrative, professional and technical fields and occupations which predominate in agency mission accomplishment.
- k. Promoting, and actively participating in, aggressive activities in support of the program on the part of FEBs, FEAs, Federal Personnel Councils, and other appropriate groups.

4. Many of these, as well as other appropriate efforts, have been going on in some areas for some time. Now they must be given high priority in all areas. The total program review referred to in paragraph 3 is to assure that all actions necessary for success are taken.

5. We expect that each department and agency will move promptly to develop the guidance to guarantee active participation in the program at every level.

Nicholas J. Oganomie

Nicholas J. Oganovic Executive Director

Attachment (White House news release)

Attachment to BTN. No. 713-16

FOR IMMEDIATE RELEASE

November 5, 1970

Office of the White House Press Secretary

THE WHITE HOUSE

The President today announced the initiation by the Civil Service Commission of a sixteen-point program to assist Spanish-speaking American citizens who are interested in joining Federal civilian service.

This program is a follow-up to the statement the President made in his July 30 press conference in Los Angeles welcoming interested and qualified Spanish-speaking persons who have an interest in Federal employment.

The sixteen steps which Civil Service Commission Chairman Robert E. Hampton will begin immediately to undertake are as follows:

1. Appoint a full-time official in the Civil Service Commission who will provide advice and assistance on matters relating to Spanish-surnamed population to assure full application of the EEO program in all Federal agencies to this group.

2. Begin an intensified drive to recruit Spanish-surnamed persons, particularly for identified public contact positions, in areas of heavy Spanish-speaking population, including the Southwestern states and in Chicago, Detroit, and New York, and certain other major metropolitan areas.

3. Use specialized recruitment teams, to include Spanish-speaking persons, for college recruitment, particularly at colleges with heavy Spanish-speaking enrollments.

4. Begin work immediately with OEO, DHEW, HUD, Labor to find ways to enhance opportunities at all levels for Spanish-surnamed Americans in programs dealing with the Spanish-speaking population as well as in other programs and in key occupations.

5. Step up recruitment for Cooperative Education Program at colleges with significant numbers of Spanish-speaking students to permit entry from FSEE registers without necessity of written examination.

6. Emphasize to Federal agencies availability of selective placement on bilingual basis so Spanish-speaking persons may be reached for appointment to positions dealing with the Spanish-surnamed population.

7. Hold an EEO conference of Federal managers and equal opportunity officials in the Southwest designed to assure equal opportunity for Spanish-speaking persons in employment and upward mobility in Federal agencies. Attachment to BTN. No. 713-16 (2)

8. Develop plans for Federal agencies under CSC area office leadership to work with high schools in Spanish-speaking areas to make known job opportunities in the Federal Government and to counsel and to encourage students to stay in school.

9. Hire for summer employment in Federal agencies high school and college teachers from schools serving Spanish-speaking students to give them understanding of the Federal Government which they can relate to students.

10. Make special effort to inform Spanish-surnamed veterans of availability of non-competitive appointments for Vietnam era veterans including GS-5 level.

11. Require Federal agencies to review their EEO action plans and minority employment figures and make any necessary revisions to assure the full applicability of the plans to Spanish-surnamed population.

12. Review with agencies staffing of EEO program to make sure that there is understanding in the program of the special problems of the Spanish-speaking.

13. Provide additional training programs on EEO and personnel management for Federal managers in areas of Spanish-speaking population.

14. With the Department of Labor, explore the feasibility of establishing an Intergovernmental Training Facility for upward mobility and skills training for Federal, state and local carcors in the Southwest, probably in San Antonio.

15. Collect necessary data and broaden analysis of minority statistics to bring out special information relating to employment and upward mobility of Spanishsurnamed persons in the Federal Government.

16. Require EEO reports from agencies to reflect special information on Spanish-surnamed persons and include in the CSC agenda for EEO evaluation questions directed at particular problems relating to employment and upward mobility of Spanish-surnamed persons.

U.S. GOVERNMENT PRINTING OFFICE - 1971 O - 430-537 (86)

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9 MAR 1971

m. Uston T

Honorable Joseph M. Montoya United States Senate Committee on Appropriations Washington, D.C. 20510

Dear Senator Montoya:

See Could sat

Thank you very much for your letter of February 16 concerning the interest of Charles Hernandez in employment in this Office. Mr. Hernandez's application here has been carefully reviewed in connection with a personal interview some weeks ago.

Although we have determined that at this time there are no positions in this Office appropriate to his qualifications, Mr. Hernandez's qualifications and experience may be appropriate to a number of possible positions elsewhere in the Federal Government. I directed my Administrative Officer to contact Mr. Hernandez to discuss with him possible ways in which this Office might be able to assist him in locating another position in the government should he so desire. As a result of that call, Mr. Hernandez requested and we will provide opportunity for further interviews here at OTP. I will keep you fully informed as to the outcome of these talks.

We appreciate your endorsement and your interest in this matter.

Sincerely,

Signed

Clay T. Whitehead

cc: Mr. Whitehead (2) Mr. Doyle

SEDoyle/ec/8Mar71

ALLEN J. ELLENDER, LA. JOHN L. MCCLELLAN, ARK. WARREN G. MAGNUSON. WASH. SPESSARD L. HOLLAND, FLA. JOHN C. STENNIS, MISS. JOHN C. STENNIS, MISS. JOHN C. PASTORE, R.L. ALAN BIBLE, NEV. ROBENT C. BYRD, W.VA. GALE W. MCGEE, WYO. MIKE MANSFIELD, MONT. WILLIAM PROXMIRE, WIS. RALPH YARBOROUGH, TEX. JOSEPH M, MONTOYA, N. MEX.

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BICHARD B. RUSSELL, GA.; CHAIRMAN MILTON R. YOUNG, N. DAK. KARL E. MUNDT, S. DAK. MARGARET CHASE SMITH, MAINE ROMAN L. HRUSKA, NEBR. GORDON ALLOTT, COLO. GORDON ALLOTT, COLD. NORRIS COTTON, N.H. CLIFFORD P. CASE, NJ. HIRAM L. FONG, HAWAII J. CALEB BOGGS, DEL. JAMES B. PEARSON, KANS.

THOMAS J. SCOTT, CHIEF CLERK WM. W. WOODRUFF, COUNSEL

Anited States Senate

COMMITTEE ON APPROPRIATIONS WASHINGTON, D.C. 20510

February 16, 1971

Dr. Clay T. Whitehead Director Executive Office of the President Office of Telecommunications Policy Washington, D. C. 20504

Dear Dr. Whitehead:

It has come to my attention that Mr. Charles Hernandez of 4200 37th St., N.W., Washington, D. C., has applied for and is deeply interested in securing a position with your organization.

I would be deeply grateful if all appropriate consideration would be afforded Mr. Hernandez's qualifications and abilities, and a report furnished me on the status of his application at the earliest convenience.

Thanking you for all your assistance and consideration and with my very best wishes,

Sincerely,

sigh a Shortoya

Joseph M. Montoya United States Senator

JMM:mlo

cc: Mr. Whitehead

April 20, 1971

MEMO FOR:

Walt Einchman Charile Joyce. Seb Lasher Jack Thornell

From:

Frank Urbany

Subject:

Interviews for Charles Hernandez, Thursday, April 22

C. Joyce 10:30 am W. Hinchman 11:00 am S. Lasher 11:30 am J. Thornoll 12:00

Interviews for Mr. Hernaudez with OTF staff have been scheduled as indicated above.

Mr. Hernandez is currently a GS-12 at the Rural Electrification Administration and is seeking a position at the GS-13 level with this Office.

The following background review is provided for your information:

As far back as September 1969, Mr. Hernandez expressed a desire to work for the then Office of Telecommunications Management, OEP. He has expressed a similar desire on several occasions subsequent to the creation of the current OTP. In response to a letter from Senator Montoya on February 16, 1971, requesting that Mr. Hernandez be given consideration for a position at OTP, it was determined that there were no positions in this Office appropriate to his qualifications. However, we offered to contact other Federal agencies on Mr. Hernandez' behalf as well as offering the opportunity for further interviews at OTP. On March 9 by telephone, I offered to set up interviews with senior OTP staff or, alternatively, with DOC/OT. However, he declined both offers.

On April 6, Mr. De Baca, Director of the President's Sixteen-Point Program for Spanish-Speaking Americans, wrote the Director concerning Mr. Hornandez' application and advising generally of the Spanish-Speaking Program. The Director responded on April 20, 1971.

Most recently, on March 24, Mr. Hernandez amplified his interest and background relative to consideration by OTP and provided an updated description of his current position as a GS-12 communications specialist.

I am sure that you will want to acquaint yourselves thoroughly with Mr. Hernandez' entire file prior to interviewing him because of the posture and interest being expressed in this case. Therefore, his file is being circulated at this time for your review. Following the interview, please use the regular OTP Form 2 to comment fully on the results of the interview using additional space as necessary.

Please return the file to Mrs. McAllan prior to Thursday so that it is available for the interviews at the scheduled times.

cc: Mr. Whitehead -Dr. Mansur

March 24, 1971

Mr. Frank Urbany, Personnel, Executive Office of the President, Office of Telecommunications Policy, Washington, D.C. 20504

Dear Mr. Urbany,

1 1 1

Enclosed are 2 copies of my recently revised job description, No. BN 9749, for inclusion in my active application folder. The revision covers data systems, which is a duty I have been performing for the last year and a half.

I wish to take this opportunity to further elaborate on our telephone conservations and Mr. Whitehead's letter to Sen. J. Montoya of Mar. 9, 1971. As pointed out, my application was submitted for a position beginning in FY72, when OTP will have more definite programs and objectives to accomplish. This, of course, would mean greater manpower requirements, not only in the higher grade positions but also in the lower grades GS 13 and 14 excepted under Schedule A. Again, as pointed out to me by Mr. Doyle, manpower requirements could not be definitively stated or filled until Congress has allocated funds for FY72. Therefore, my application was not for a position "at this time."

In regards to my "analytical" background, this is neinful in establishing a solid foundation to completely comprehend and understand telecommuncations. While it is true OTP will concern itself with broad areas of responsibilities and policies, nonetheless, this foundation is beneficial in developing and setting forth plans, policies and programs. It has been helpfull in promoting effective and innovative use of telecommunications technology, resources and services, and in identifying competing, overlapping, duplicative or inefficient programs. My broad civilian, government and DOD background has been helpful in evaluating the capabilities of existing and planned telecommunications systems to meet national defense, national security and emergency preparedness requirements. It has been helpful in reviewing telecommunications R&D system improvement and expansion programs for the testing operation and efficient and effective use of telecommunications systems by Federal agencies. It is also helpful in conducting and coordinating economic, technical and systems analyses of telecommunications policies, activities, and opportunities. My data background is a good basis for conducting studies and analyses in evaluating computer and communications technology. My marketing background has been helpful in contracting for related studies and reports. My amateur radio and citizens band operator and Army Signal Corp HF experience, as well as my proposal experiences in mobile radio is an asset.

Similarity, my common carrier exposure will be helpful in the new regulatory approaches to the rapidly changing industry. My wide technical area has been helpful in the associated services that widespread wires access to the home make possible, and in the general awareness of the impact of communications on our society and our economy. My many years experience has shown I can function well in work relationships and coordination with other government agencies and private industry. This also covers making reports and recommendations.

A responsible position in OTP would be challenging because I feel my experience would be an asset in the sincere understanding, performance, and accomplishment of the objectives of OTP. This experience demanded the ability to analyze situations, determine and evaluate the facts and develop well-documented background materials to present practicable recommendations for the immediate and long range resolution of problems and plans. This would include the facility and effectiveness in written and oral expression, and in preparing a diversity of reports and ability to exercise mature judgement and resourcefulness.

Thank you for your time and interest.

· * ·

Sincerely,

Charles Hernandez 4200 37th St. NW Wash. D.C. 20008

EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON, D.C. 20504

March 11, 1971

The Part

MEMORANDUM FOR RECORD

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Subject: Telephone Conversation with Mr. Charles Hernandez re Employment at OTP

Mr. Hernandez called me today pursuant to earlier conversations with this Office concerning possible employment. On Monday, March 9, I indicated our willingness to set up further personal interviews at this time with senior OTP staff or, alternatively, to arrange an interview for him with the Department of Commerce, Office of Telecommunications. At that time, he said he would "think it over." Today I repeated our earlier offer. For reasons best known to Mr. Hernandez, he declined both offers.

I closed the conversation on the understanding that we would be agreeable to re-evaluating his qualifications against OTP program requirements sometime after the beginning of FY 72; if Mr. Hernandez is still interested in employment with this Office, he will be in touch with us accordingly at that time.

Francis S. Urbany

Honorable Joseph M. Montoya United States Senate Committee on Appropriations Washington, D.C. 20510

Dear Senator Montoya:

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Thank you very much for your letter of February 16 concerning the interest of Charles Hernandes in employment in this Office. Mr. Hernandez's application here has been carefully reviewed in connection with a personal interview some weeks ago.

On the - not sent.

Although we have no positions in this Office appropriate to his qualifications, we have determined that Mr. Hernandez's qualifications and experience may be appropriate to a number of possible positions elsewhere in the Federal Government. I have directed my Administrative Officer to contact Mr. Hernandez to discuss with him possible ways in which this Office may be able to assist him in locating another position in the government should he so desire.

We appreciate your endorsement and your interest in this matter.

Sincerely,

Clay T. Whitehead

cc: Mr. Whitehead (2)

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EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON, D.C. 20504

OFFICE OF THE DIRECTOR

November 6, 1970

Mr. Charles Hernandez 4200 37th Street, N. W. Washington, D. C. 20008

Dear Mr. Hernandez:

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I am writing to acknowledge receipt of your recent submission regarding employment in this Office. There is no immediate prospect for additional staffing in OTP, and the situation will remain essentially static through June 1971. Although no immediate prospect for further staffing exists here, we would like to keep your application in an active status for a period of one year. If the situation changes, we may then be able to consider your application for a specific staff position

Your file will be kept here confidentially, and we will make no contacts with references or employers without your knowledge. If a suitable position becomes available in the future, we will contact you concerning your possible continued interest in employment here.

Sincerely,

Stephen E. Doyle Special Assistant to the Director

Mr. Hernandez:

With reference to your letters to Mr. Whitehead of July 21 and October 27, 1970, will you please call me at 395-5182 to arrange an appointment at our mutual convenience.

)ct. 27, 1970

Dr. Clay T. Whitehead, Director, Office of Telecommunications Policy, Washington, D.C.

Dear Dr. Whitehead,

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This letter is to supplement my previous letter and work experience summary, of July 21, 1970, inquiring about a possible position on your staff.

I am attaching my present job description, GS-393-12. However, I have had an additional duty assigned to me, for about year now, covering Data sets or Data modems for use on Rural Electrification Administration, (REA), loan borrower telephone systems. My effort involves providing engineering assistence, recommendations, writing data specifications, and attending manufacturer meetings on data, interface, connecting arrangements and network protection considerations. In addition, my function to REA includes offering advice on customer provided interconnection equipment regulations and rates. I am presently going to attend a Data Modem school in Illinois.

I also cover connections with Customer-provided recording, reproducing and automatic answering and recording equipment. I have attended discussions with Agriculture and outside labor relations personnel.

It has been noted that your Office is concerned with similar areas. The use of data in small rural electric and telephone utilities is very limited, and will be for some time. Therefore, possibly my overall data and telephone systems experience could be better utilized in your Office. I would appreciate the opportunity of an interview to further discuss this area. Thank you.

Sincerely,

Charles Hernandez 4200 37th St. NW Wash. D.C. 20008

ATT:

July 21, 1970

Dr. Clay T. Whitehead, Director, Office of Telecommunications Policy Washington, D.C., 20500

Dear Dr. Whitehead,

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This letter is to express my sincere interest for a possible position in the National Telecommunications Directorate. The areas of interest that you cover, namely, National Communications Systems, Presidential Communications, and Domestic Telecommunications, appeal very strongly for challenge and growth.

Enclosed is my brief summarized resume of experience for your review, however, I would appreciate the opportunity of a personal visit to your office. Any time you suggest is convenient.

As noted on my resume, I am now with the Department of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division. My present classification and grade is: Communications Specialist, CS-393-12.

Thank you for your interest and time.

Sincerely,

Charles Hernandez, 4200 37th St., N.W. Wash. D.C. 20008

Enclosure

CHARLES HERNANDEZ US DOPTOF ACRICU ITORE (REA) Telephone Operations & Standards Division Station Ecuipment and Protection Branch

B.N. 9749

Communications Specialist GS-393-12

Under general supervision of the Chief, Station Equipment and Protection Branch, incumbent performs the following duties:

- 1. Works with supervisor in the development and improvement of standards and specifications for station equipment, ringing systems and protection devices. This includes working with staff engineers and other communications specialists and telephone technicians to obtain improved performance and to achieve maximum operational compatibility of these facilities with other telephone plant components.
- 2. Conducts technical studies in connection with specific design and operations problems of station equipment, ringing, and protection equipment. Results of these studies are used by manufacturers in the development of new or modified equipment which will provide improved performance and/or lower costs.
- 3. Develops procedures for obtaining operational and cost data on new station equipment, ringing, and protection materials and equipment installed on REA borrowers' systems. This information is used to determine annual costs and when design improvements are necessary.
- 4. Participates in technical conferences with representatives of equipment manufacturers, telephone companies, other Government agencies, and national scientific bodies regarding station equipment and protection materials and equipment.
- 5. Conducts laboratory and field test programs, including proper instrumentation and procedures, for station equipment, ringing systems and protection equipment and devices.
 - 6. Prepares technical data on station equipment and protection for incorporation into the Telephone Engineering and Construction Manual, technical papers, etc., for use by borrowers and their engineers.
 - 7. Consults with Area Office engineers on specialized communications matters relative to station equipment, ringing systems and protection and, as directed, renders advice and assistance to borrowers, their engineers and contractors regarding these matters.
 - 8. Keeps abreast of current technical developments in the field of communications.

Travels in the field, as required, in the performance of the above duties and performs related assignments.

July, 1970

BRIEF SUMMARY RESUME CHARLES HERNANDEZ 4200 37th St. N.W. Wash. D.C. 20008 Home Tel: 202 966 4132: Work Tel: 202 388 3174

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PERSONAL DETAILS: Age, 36; Married, four children; Excellent Health; U.S. Citizen, (Mexican-American-Spanish Speaking); Had Top Secret Clearance; Army Veteran.

WORK EXPERIENCE SUMMARY: (Direct Hire and Contractor Status), Seven years, Wire, Radio and Telephone Systems Communications Engineering, Marketing, and Management Administration in Private Industry, as Engineering Division Head, Member of the Technical Staff, General Systems Engineer, Project Engineer, Communications Engineer and Senior Equipment Engineer. Companies worked for are Automatic Electric Company, ITT Kellogg Company, Alpha Engineering Service Co., Burnup & Sims, and United Design Service. These companies covered manufacturing, operations, contracting, as well as service.

Six years, Voice and Data Communications Systems Engineering and administration in Military and Government Communication Systems, as Project Engineer, Bid and Proposal Engineer, Communications Specialist and General Systems Engineer. Companies worked for are Radio Corporation of America, Page Communications Engineers and Wells Systems Engineering Center. These companies covered international field engineering and the Defense Communications Agency.

Two years HF Communications in US Army Signal Corps as a Communications Specialist for Psychological Warfare Unit, Army Command and Administrative Network, (ACAN), Military Affiliate Radio, (MARS), and 5th Army Headquarters.

PRESENT EMPLOYER: (13 Months), U.S. Dept. of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division, Station Equipment and Protection Branch. Duties entail developing Voice and Data equipment practices, standards, criteria, specifications and technical data through studies, laboratory tests and manufacturer liaison. Engineering advice and assistance is given to other agencies, borrowers, suppliers, manufacturers, technical associations, telephone companies, standardization groups, and professional societies. Title is Communications Specialist, GS-393-12.

EDUCATIONAL SUMMARY: Bachelor of Electrical Engineering, Chicago Technical College, 1962; Certificates and diplomas from Mid-Continent Institute of Television, Strowger Telephone School, United States Armed Forces Institute, Army Signal School, and International Telephone and Telegraph Training School. Some additional engineering and business administration credits are from the universities of Illinois and New Mexico State.

September 19, 1969

Mr. David B. Hall Acting Associate Director National Communications Executive Office of the President Office of Telecommunications Management Washington, D.C. 20504

Dear Mr. Hall:

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Thank you for your prompt reply to my letter of September 9, 1969. I do hope that the economy cut will be over soon and that your agency will be actively looking for new personnel.

If possible, I would like to request a job description, or information, on possible future openings in your department. This would enable me to have a better insight on the duties involved.

Sincerely,

artes

CHARLES HERNANDEZ 3009 Arkendale Street Woodbridge, Virginia 22191

September 15, 1969

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Mr. Charles Hernandez 3009 Arkendale Street Woodbridge, Virginia 22191

Dear Mr. Hernandez:

A review of your summary resume forwarded by your letter of September 9, indicates that you have the educational background and experience which might be useful to this office.

At the present time, due to the President's directed economy program, we are in the position of reducing rather than increasing our professional staff. Your application will be kept in file where it will receive active consideration at such future time as we are again able to actively consider recruitment of personnel.

Sincerely,

(signed) David B. Hall

David B. Hall Acting Associate Director National Communications

DBHall:avr:9-15-69:5186 bcc: NCD Reading Official File (JRO'Connell) w/resume

September 9, 1969

Mr. David B. Hall Associate Director National Telecommunications Directorate Office of the Director of

Telecommunications Management Office of Emergency Planning Executive Office of the President Washington, D.C. 29504

Dear Mr. Hall:

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This letter is to express my sincere interest for a possible position in the National Telecommunications Directorate. The areas of interest that you cover, namely, National Communications Systems, Presidential Communications and Domestic Telecommunications, appeal very strongly for challenge and growth.

Enclosed is my brief summarized resume of experience. However, I would appreciate the opportunity of a personal visit to your office to discuss more fully my qualifications. Any time you suggest is convenient.

As noted on my resume, I am now with the Department of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division. My present classification and grade is: Communications Specialist, GS-393-12.

Thank you-for your interest and time.

Sincerely,

Charles Hernandez Ø 3009 Arkendale Street Woodbridge, Virginia 22191

Enclosure

BRIEF SUMMARY RESUME Charles Hernandez 3009 Arkendale Street Woodbridge, Virginia 22191

Phone: 703-670-3264 (Residence) 202-388-3173 (Business)

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PERSONAL DETAILS: Age - 35; Marital Status - Married (three children); Health - Excellent; Citizenship - United States; Security Clearances -Had Secret and Top Secret; Military Service - Army Veteran

WORK EXPERIENCE SUMMARY: Seven years, Wire, Radio and Telephone Communications Engineering, Marketing and Management in Private Industry as Senior Equipment Engineer, Communications Engineer, General Systems Engineer, Project Engineer, Member of Technical Staff and Engineering Division Head (Acting). Work was performed during employment with the following: Automatic Electric Company, ITT Kellogg Company, Alpha Engineering Service Company, Burnup & Sims, and United Design Service Company. These companies covered manufacturing, operating and contracting, as well as service.

Five years, Voice and Data Communications Systems Engineering in Military Communication Systems, (Direct Hire and Contractor), as Project Engineer, Bid and Proposal Engineer, Communications Specialist, and General Systems Engineer. Companies worked for in these capacities include Radio Corporation of America, Page Communications Engineers, Wells Systems Engineering Center, and the U.S. Department of Agriculture. These companies cover international field engineering and the Defense Communications Agency.

Two years HF Communications in U.S. Army Signal Corps as a Communications Specialist. Duties covered fixed station and mobile radio repairing, including TTY and line maintenance; transmitter operator and repair for Psychological Warfare Unit, Army Command and Administrative Network (ACAN), Military Affiliate Radio (MARS), and 5th Army Headquarters.

PRESENT EMPLOYER: U.S. Department of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division, Station Equipment and Protection Branch. Duties entail developing communication practices, standards, criteria, specifications, and technical data through studies, laboratory tests, and manufacturer liaison. This data is analyzed for presentation to a Technical Standards Committee (Telephone) for evaluation. Engineering advice and assistance is given to other agencies, borrowers, suppliers, manufacturers, technical associations, telephone companies, standardization groups, and professional societies.

EDUCATIONAL SUMMARY: Bachelor of Electrical Engineering, Chicago Technical College, 1962; Certificates and diplomas from Mid-Continent Institute of Television, Strowger Telephone School, United States Armed Forces Institute, Army Signal School, and International Telephone and Telegraph Training School. Some additional engineering and business administration credits are from the universities of Illinois and New Mexico State.

Sept. 1968

OBJECTIVE: A position in Communications Engineering

JOB RECORD:

5/68 to Present: Wells Industries Corp. As Member of Technical Staff, advised Manager of Marketing on Communications contracts, proposals, and bids, and carried on technical liaison with manufacturer's representatives and government agencies. Projects included Voice and Data Systems, including a Wideband Data Switching Center For NASA, Centralized Automatic Testing System, (2/4 Wire), and European Wideband Com-A11,800 munications Systems.

3/66 to 12/67: Page Communications Engineers. Senior Engineer on Tech Control for the Integrated Wideband Communications System for Viet Nam. Engineer of Operator to Customer dialing between the Bahamas and the USA. A great deal of "on site" engineering was accomplished in interfacing the British and US equipment. Proposal duties covered the Chile Earth Station and tandem switching center for Asia. These were 4-wire, step-by-step with common control to interface with IWCS. # 11. 3:00

3/63 to 3/66: Radio Corp. of America; (International Government Service) DCA Engineer, function in the Defense Communications Agency, Eruope, was to provide technical representation, to exercise operational and management supervision, and attend conferences with representatives of military departments, commercial companies, and foreign governments, (NATO). Transmission and circuit layouts were performed as were allocations and monitoring; performed evaluations of the DCS stations, made savings and work load reports; some RF work was done. Project Engineer, Inside Plant, White Sands Missile Range, engineering and coordinating duties for wire communication s; fulfilled requests for service from users and "crash type". Engineer for the "Transmission Routine Automatic Checking Equipment", a prototype model for centralized programmed testing for Voice circuits.

10/61 to 3/63: Alpha Engineering Service, (Job Shop). Equipment Engineer, on the telecommunications central dial systems of the Western Electric Co., together with writing specifications to step-by-step and Crossbar equipment. This required analyzing and diagnosing the preliminary specifications into detailed specifications and drawings for manufacturing and installation. Compatibility of circuits and apparatus was the chief consideration. Performed checking and conducted general supervision.

3/60 to 10/61: ITT Kellogg. Senior Engineer, Central Office, involving preparation and application of material specifications. These covered additions and new installations; some were according to "REA" standards. In addition to the Local and Toll Systems, duties involved traffic grading, calculations, specical job drawings, equipment design, bids, proposals, and power work. Diagnosed and anlyzed initial Electronic Switching System. Special services, such as Fire, and Executive Right-of-Way were engineered. A high point was to help develop Automatic Toll Ticketing.

7/57 to 5/60: <u>Automatic Electric Co.Telephone Equipment Engineer</u>, with duties similar to ITT Kellogg. This included test boards and switchboards. Engineering department relations and responsibilites with supporting departments were heavily stressed. Part of this included on the job training in switching, general engineering, contract and order analyzing. After training periods, received supervision in terms of project requirements, policies, and objectives.

NOTE: Period of 12/67 to 5/68 covered employment as an Technical Counselor in professional employment agency, (90% of applicants were degreed), with duties in personnel counseling, recruiting, public relations, promotion and attended conferences on employer requisitions and personnel specifications.

EDUCATIONAL SUMMARY: Bachelor of Elect. Engineering, Chicago Technical College, 1962; Mid-Continent Institute of Television; ITT Engineering School; Strowger School; Army Signal School; USAFI; and credits at New Mexico State and Illinois; PERT COURSES.

, MILITARY RECORD:

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3/54 to 1/56: Army Signal Corp., Communications Specialist, fixed station and mobile radio repairman, including police radio, TTY, and line maintenance; transmitter operator and repairman for Psyschological Warfare Unit, (First Leaflet and Radio Broadcasting), Army Command and Administrative Network, (ACAN), Military Affiliate Radio, (MARS), and 5th Army Headquarters; Signal School Instructor and overhead in Radio division.

AVAILABILITY: 1 to 2 weeks after acceptance. GEOGRAPHICAL AREA: Open.

SALARY DESIRED:

PERSONAL DETAILS: Age, 34; married, three children; height, 5'9"; weight, 180 lbs.; Excellent Health; US Citizen, Had Top and Secret Clearances; write and speak Spanish; Amateur Radio Operator.

ADDRESS:

3009 ARKENDALE ST. WOODBRIDGE, VA. 22191 HOMETEL. 703 670 3264 WORK TEL. 451 2601

July 21, 1970

Dr. Clay T. Whitehead, Director, Office of Telecommunications Policy Washington, D.C., 20500

Dear Dr. Whitehead,

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This letter is to express my sincere interest for a possible position in the National Telecommunications Directorate. The areas of interest that you cover, namely, National Communications Systems, Presidential Communications, and Domestic Telecommunications, appeal very strongly for challenge and growth.

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As noted on my resume, I am now with the Department of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division. My present classification and grade is: Communications Specialist, US-393-12.

Thank you for your interest and time.

Sincerely,

Acran.

Charles Hernandez, 4200 37th St., N.W. Wash. D.C. 20008

Enclosure

BRIEF SUMMARY RESUME CHARLES HEPMANDEZ 4200 37th St. N.W. Wash. D.C. 20008 Home Tel: 202 966 4132: Work Tel: 202 388 3174

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PERSONAL DETAILS: Age, 36; Married, four children; Excellent Health; U.S. Citizen, (Mexican-American-Spanish Speaking); Had Top Secret Clearance; Army Veteran.

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PRESENT EMPLOYER: (13 Months), U.S. Dept. of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division, Station Equipment and Protection Branch. Duties entail developing Voice and Data equipment practices, standards, criteria, specifications and technical data through studies, laboratory tests and manufacturer liaison. Engineering advice and assistance is given to other agencies, borrowers, suppliers, manufacturers, technical associations, telephone companies, standardization groups, and professional societies. Title is Communications Specialist, GS-393-12.

EDUCATIONAL' SUMMARY: Bachelor of Electrical Engineering, Chicago Technical College, 1962; Certificates and diplomas from Mid-Continent Institute of Television, Strowger Telephone School, United States Armed Forces Institute, Army Signal School, and International Telephone and Telegraph Training School. Some additional engineering and business administration credits are from the universities of Illinois and New Mexico State.

Jan. 18, 1970

Mr. S. E. Doyle, Special Assistant to the Director, Office of Telecommunications Policy, Washington, D.C. 20504

Dear Mr. Doyle,

The Form 171 you requested per our personal interview on Nov. 17, 1970, is enclosed. I wish to take this opportunity to thank you for this interview and that I am very pleased that the conditions. look favorable for me to become a member of the Office of Telecommunications Policy in the near future.

I have been keenly following the nature of OTP and have read the objectives and statements by Dr. Whitehead. It is very true that a person has to be well diversified and knowledgeable in many areas and aspects of communications. I feel I have this quality. My many years in private industry and federal experience has given me a solid background in voice and data communications, as well as the related aspects and policies on Buy American Acts, National Environmental Policies, Underwriters Laboratories Listings, National Electric and Safety Codes and Metric System considerations.

My experience as a member of the Defense Communications Agency, Rural Electrification Administration, and the Electronics Industries Association, would be an asset in the scope of OTP.

As a suggestion, in regards to the Top Secret clerance information, possibly your office could forward the necessary forms and papers now to expedite the process.

Finally, I respectfully have a request to make. I desire to give the Rural Electrification Administration a minimum of 45 to 30 days notice of my resignation. If this would be possible, it would greatly be appreciated.

Any additional information that you may request will be forwarded. Thank you.

Sincerely,

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Charles Hernandez

Enc: Form 171

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c. Options for which you wish to be considered (if listed in examination announcement) d. Primary place(s) you wish to be employed Washington, D.C. 2. Home telephone litrea Code Number 202 966 4132 202 388 3174 4. Name (Lass) (First) (Middle) (Maiden, if any) Mr. Miss Mrs. Hornandez, Charles, None 5. Number and street, R.D., or Post Office box number 4200 37th St. NW 6. City Washington, D.C. 13. Will you accept: (A) Temporary appointment of 14. EDUCATION BLEASE See Item 1445 Continued on (A) Did you graduate from high school, or will YES MONTH/YEAN A June 53 (C) Name and location (city, State, and ZIP Code if known) of col- lege or university. (If you expet to graduate utibin 9 months, give MONTH and year you expect degree.) Chic ago Tech. Coll.Chic ago, Ill. 9.56 6 560	NO 9. If y me tion dat 10. Lc \$ 11. At 97 11. At 97 11	V vou are cu not to a Fe not to a Fe vour vou	A 193 arrently on a ideral positic ne of the or notice of ta or grade you PAY per ling to trave SOME X to 10 t high schoo hity H nois Credits Semester hours	will ac will ac Provide the second	ter of de the reading of the the reading of the term of the reading of the term of term of the term of ter	G OR COR C COR C C COR C C C C C C C C C	RADE SIS Will you e? E E X X X X Yea deg	n of
A. Primary place(s) you wish to be employed Washington, D.C. 2. Home telephone 3. Business telephone rea Code Number Area Code Number 202 966 4132 202 203 988 3174 A. Name (Lass) (First) (Middle) (Maiden, if any) A. M. Diss Dissipation Hernandez, Charles, None 3. Number and street, R.D., or Post Office box number 4200 37th St. NW 5. City State 202 966 4132 202 3. Business telephone reaction of the construction of the const	9. If y metion dat 10. Lc 10. Lc 10. Lc 11. Al 901 accee you accee	vou are cu not to a Fe n, the nar is on your owest pay of re you will "" NO opt a job ir on, D.C.? in the Unite becify): a S & ate) of las DIMMUY IIIIIX mpleted Night	errently on a deral position notice of the or notice of the or notice of the or notice of the or grade you PAY per ling to trave <u>SOME</u> <u>in</u> to IO thigh schoo hity H nois <u>Credits</u>	will ac or register in, give fice min ting, at will ac P (Che OFTEN I attend . S . complet Qua ho	ter of de the reading of the the reading of the term of the reading of the term of term of the term of ter	G OR COR C COR C C COR C C C C C C C C C	RADE SIS Will you e? E E X X X X Yea deg	n of
Washington, D.C. P. Home telephone 3. Business telephone rea Code Number Area Code Number 202 966 4132 202 388 3174 Aname (Last) (First) (Middle) (Maiden, if any) Mt. Miss Mts. Hernandez, Charles, None Mt. Miss Mts. Number and street, R.D., or Post Office box number 4200 37th St. NW State ZIP Code S. Will you accept: YES NO (C) Will (A) Temporary appointment of -1 month or less? -w -1 to 4 months? -an -4 to 12 months? -an -4 to 12 months? X -ou (B) Less than full time work? (Less than 40 hours per uwek) X -ou (A) Did you graduate from high school, or will you graduate within the next nine months? (B) Name and location (city) Yis MONTH/YEAR NO NO Hightest GRADE COMPLETED Bensenvill (C) Name and location (city). State, and ZIP Code if known) of college or university. (If you explat te graduate within 9 months, give MONTH and year yaw expect degree.) Dates attended From To (C) Name and location (city. State, and ZIP Code if known) of colle	The tion date th	nt to a Fe n, the narrier te on your owest pay of te you will """""""""""""""""""""""""""""""""""	deral positic ne of the of notice of the or grade you PAY per ling to trave SOME X ted States? to 10 t high schoo hity H nois Credits Semester hours	will ac will ac Probe OFTEN	ccept ck 1 V ccept ck 1 V ccept	Type of degree	RADE SIJ will you e? af G YES X X X X X	NC NC
2. Home relephone 3. Business telephone rea Code Number 202 966 4132 202 388 3174 202 966 4132 202 388 3174 Aname (Law) (First) (Middle) (Maiden, if any) [] Mr. [] Miss [] Mrs. Mers. Hernandez, Charles, None [] Miss [] Mrs. B. Number and street, R.D., or Post Office box number 4.200 37th St. NW 5. City State ZIP Code Washington, D.C. 20008 3. Will you accept: YES NO (C) Will (A) Temporary appointment of -1 month or less? -w -1 to 4 months? -an -4 to 12 months? -ou (B) Less than full time work? (Lass than 40 hours per uwek) X -ou (A) Did you graduate from high school, or will you graduate within the next nine months? (B) Name and location (city, State, and ZIP Code if known for College or university. (If you expect to graduate uithin 9 months, give MONTH/YEAR Dates attended Sensenvill (C) Name and location (city, State, and ZIP Code if known for College or university. (If you expect to graduate uithin 9 months, give MONTH and year year expect degre.) Dates attended Settended Settended Settended Settended Setended	10. Lc 10. Lc 11. An on you accee //ashington you accee //ashington // // // // // // // // // /	owest pay of re you wil pre job in on, D.C.? in the Unite beerfy): as 8 are/ of las ommur Illlir Night	or grade you PAY per ling to trave SOME X ted States? to 10 thigh schoo hity H nois Credits Semester hours	will ac P (Che OFTEN d attend . S . comple Qua ho	ded ded	G OR C. When wailab WKS Notic	YES Yeal deg	t control
rea Code Number Area Code Number 202 966 4132 202 388 3174 Name (Last) (First) (Middle) (Maiden, if any) Mr. Miss Mrs. Hernandez, Charles, None None Number and screet, R.D., or Post Office box number 4200 37th St. NW State ZIP Code City State 20008 3. Will you sccept: YES NO (C) Will (A) Temporary appointment of -1 month or less? -w -1 to 4 months? -an -4 to 12 months? X -ou (B) Less than full time work? (Less than 40 bours per usek) X -ou (A) Did you graduate from high school, or will you graduate within the next nine months? (B) Name and location (city) Bensenvill X June 53 Month/YEAR Month/YEAR Bensenvill (C) Name and location (city, State, and ZIP Code if knoum) of college or university. (If you expect to graduate within 9 months, give MONTH and year year expect degree.) Dates attended Year attended (C) Name and location (city, State, and ZIP Code if knoum) of college or university. (If you expect to graduate within 9 months, give MONTH and year year expect degree.) Dates attended Year attended	you acceed you ac	re you wil P NO pt a job ir on, D.C.? in the Unite bec(fy): 3.8 8 ommur Illir mpleted Night	PAY per ling to trave SOME X ted States? to 10 thigh school hity H nois Credits Semester hours	l? (Che OFTEN d attend . S . comple	ded 1	OR C 2. When availab 4. WKS Notic	YES Yeal deg	NC NC
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(D) Chief undergraduate college subjects Semester Quarter hours hours	ef gradus	ate college	subjects			Semester	Qua	-
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	COI	nmuni	lcatic	ns		9		
Communications 18								
(F) Major field of study at highest level of college work Electrical Engineering			_			1	1	
 (G) Other schools or training (for example, trade, vecational, armed forces, or butiness). Give for e of school, dates attended, subjects studied, certificates, and any other pertinent data. Se US Dept. of Agriculture Graduate School; Mid-Continent Institue of TV; Automatic School; ITT Telephone Engineering School School; Strowger School; US Armed Forces 13. HONORS, AWARDS, AND FELLOWSHIPS 16. FOREIGN LANGUAGES 	e Pa US Elect; S	ages Army ctric angar	8 to y Sigr c Tele non El	10. nal	Sci	hool; Trai	nin	
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17. Special qualifications and skills (licenses; skills with machines, patents or inventions; publications memberships in professional or scientific societies; typing or shorthand speed; etc.) Member, Institute of Electrical & Electro Member, US independent Telephone Pioneer Member, Electronic Industries Association Consultant, Volunteers for Technical Assi Typewriter (45wpm); comptometer; electrop THE FEDERAL GOVERNMENT IS AN EQUAL OPPORTUNITY EMPLOYER (FOR	nic Asso , (H	Engi Dciat EIA); nce, ing t	neers ion,	, ((US /; TV	IE IT X	EE); A); Radi	o R	-

3. EXPERIENCE (Start with your PRESENT p					ETING ITEM 18	
	osition and work	back)			
tay inquiry be made of your present employer i	regarding your o	charac	ter, qualifications, a	nd record of employment?		YES NO
Dates of employment (month, year)		-	Exact title of positio		If Federal service, clas	
From 0-69 TO PRESENT T	ILTE			cations Spec.	and grade GS -	393-12
lary or earnings	the second se	Place	of employment	Number and kind of em-	Kind of business	
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ame and title of immediate supervisor			Name of employer	(firm. organization. etc.) and add	ress (including ZIP Cod PO	te, if known)
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Dates of employment (month, year)	~		Exact title of positi	THETHOPTING	If Federal service, cla and grade	astrication series
From 3-69 To 6-6	the second se	Place	Division of employment	Head Number and kind of em-	Kind of business	or organization
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CONTINUATION SHEET FOR STANDARD FORM 171 "PERSONAL QUALIFICATIONS STATEMENT"

Budget Bureau Approved 50-R0387

INSTRUCTIONS-Fill out this form only when necessary for completion of Item 18 "EXPERIENCE," on Standard Form 171. Enclose with your Statement, Typewrite or write clearly in dark ink.

	n, if any) 🕅 Mr.	Miss Mrs.	2.	Birth da	e (Month, day, year)
Hernandez Charles	None			Nov.	3, 1933 this continuation sheet
3. Kind of position applied for, or name of ex Momber of Staff- 0	amination TP	-	4.		this continuation sheet 19, 1971
Dates of employment (month, year)		Exact title of position	Mamban of	+1-0	If Federal service, classification series
4 From 5-68 To 1-6	9	Technical	Member of Stoff	the	and grade
Salary or earnings Starting \$12500 per yr Final \$12500 per yr	Avg. hrs. Plac per week City	e of employment Springfield e: Va.	Number and kind of ployees supervised 4		Kind of business or organization (manufacturing, accounting, insurance, etc.) Marketing Communications
Name and title of immediate supervisor Robert Wing, Direct	or of Eng				(including 21P Code, if known) .ng Center
Area Code and phone No. if known 703 Reason for leaving Facility c			eld, Va. 22	150	
Description of work					
Pleas	e See'Ite	9m 18-4 Cont	inued on P	age	13
				For age	ncy use (skill codes, etc.)
5 Dates of employment (month, year) 5 From 12-67 To 5-6	68	Exact title of position Technical	Counselor		If Federal service, classification series and grade
Salary or earnings FLUS COMMIS. Starting \$12900 per yr	• Avg hre Place per week City	Alexandria	-	m-	Kind of business or organization (manufacturing, accounting, insurance etc.)
Final \$ 12900 per yr Name and title of immediate supervisor	40 Stat		L L	1 address	Employment Agenc' (including ZIP Code, if known)
Charles Minarik, Ma Area Code and phone No. if known 703	354 0415	Around t Alexandr	he World E		tive Service
Reason for leaving Facility clo Description of work	osed oper	ations			
Description of work					
Description of work		tem 10-5 Co	ontinued on	1 Pa	<u>зе 14</u>
Description of work			ontinued on	1 Pa	<u>зе тү</u>
Description of work			ontinued on		GO 14 ncy use (skill codes, etc.)
Description of work	ase see]				
Description of work P10: Dates of employment (month. year) 6 From 3-66 To 12-6 Salary or earnings Starting \$ 11800 per yr 12000 Tr	Avg. hrs. Per week	Exact title of position Senior Er. Wash.D.C.	Sincer Number and kind of e ployees supervised	For age	If Federal service, classification series and grade Kind of business or organization (manufacturing, accounting, insurana eff.) International
Description of work P10: Dates of employment (month. year) 6 From 3-66 To 12-6 Salary or earnings	Avg. hrs. Per week 40 Sta	Exact title of position Senior Er. Wash.D.C. te: Bahamas Name of employer (fir Page Comm	Sincer Number and kind of e ployees supervised 9 m. organization. etc.) and cunications	For age	ncy use (skill codes, etc.) If Federal service, classification series and grade Kind of business or organization
Description of work PLO: Dates of employment (month. year) 6 From 3-66 To 12-6 Salary or earnings Starting \$ 11800 Per yr Final \$ 11900 per yr Name and title of immediate supervisor	Avg. hrs. Pla per week Cir 40 Sta	Exact title of position Senior EX ce of employment Wash.D.C. te: Bahamas Name of employer (fir Page Comm Uash D.C.	Sincer Number and kind of e ployees supervised 9 m. organization. etc.) and cunications	For age	If Federal service, classification series and grade Kind of business or organization (manufacturing, accounting, insurance etc.) International Communications (including ZIP Code, if known)
Pies Pies Pies Dates of employment (month. year) 6 From 3-66 To 12-6 Salary or earnings Starting \$ 11800 Per yr Final \$ 11900 per yr Name and title of immediate supervisor Stan Masulis, Super	Ase See] 67 Avg. hrs. Per week 40 Sta Prisor 337 7600	Exact title of position Senior EX ce of employment Wash.D.C. te: Bahamas Name of employer (fir Page Comm Uash D.C.	Sincer Number and kind of e ployees supervised 9 m. organization. etc.) and cunications	For age	If Federal service, classification series and grade Kind of business or organization (manufacturing, accounting, insurance etc.) International Communications (including ZIP Code, if known)
Ples Ples Ples Dates of employment (month. year) 6 From 3-66 To 12-6 Salary or earnings Starting \$ 11800 Per yr Final \$ 11900 per yr Name and title of immediate supervisor Stan Masulis, Super Area Code and phone No. if known 202 Reason for leaving Contracts of Description of work	Ase See] Avg. hrs. Pla per week Cir 40 Sta rvisor 337 7600 axpired	Exact title of position Senior EX ce of employment Wash.D.C. te: Bahamas Name of employer (fir Page Comm Uash D.C.	Sincer Number and kind of e ployees supervised 9 m. organization. etc.) and unications	For age	If Federal service, classification series and grade Kind of business or organization (manufacturing, accounting, insurance eff.) International Communications (including ZIP Code, if known) incers, Inc.
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	month, year)			Exact title of position	-	If Federal service, classification series and grade
7 From 3-63	To 3-66		Place	of employment	Engineer Number and kind of em-	Kind of business or organization
	per Mo per Mo	Avg. hrs. per week 40	City: State:	Please see		(manufacturing, accounting, insurance etc.) International
Final 3 Jame and title of immediate si		-+-	State:		amounting etc. I and address	Communications ss (including ZIP Code, if known)
William McCol		nager		Radio Cor	p. of America	, (RCA)
sea Code and phone No. if k	nown Vario	ous		Addresses	on attached	resume
eason for leaving Con	tracts ex	pired	1			
Description of work		*				
	Prease	9 See	Ite	em 10-7 Con	tinued on Pa	ges 17 to 21
					For ag	ency use (skill codes, etc.)
Dates of employment (n	nonth, year)			Exact title of position		If Federal service, classification series
8 From 6-61	то 3-63			-	Senior ions Engineer	and grade
alary or earnings	36.	Avg. hrs.		of employment	Number and kind of em-	Kind of business or organizatio (manufacturing, accounting, insurance
	per Mo	per week	1	Mt.Prospect		etc.) Contract
	_{per} Mo	40	State	III.	10	Communications
same and title of immediate s				Name of employer (firm	n, organization, etc.) and addre	ss (including ZIP Code, if known)
Robert Jacob					pect, I11.	ice (Job Shop)
rea Code and phone No. if I						
teason for leaving Gove:	rnment wo	ork ov	rer	Seas		
description of work						
	PIAASA	See	TTE	m 10-0 Con	tinued on Pag	A 22
	1 10000		2.00	5111 TO 0 0011	orrende orrende	
					L For as	ency use (skill codes, etc.)
		-			101 48	city use for our count on p
Dates of employment (m	unet			Exact title of position		If Federal service, classification series
					ipment Eng.	and grade
9 From 5-60	To 6-6	Avg. hrs.	Place	of employment	Number and kind of em-	Kind of business or organization
		per week		Chicago,	ployees supervised	(manufacturing, accounting, insuran etc.) Communication
Starting \$ 564 . 625	per MO Der MO	40				
Starting \$ 564 Final \$ 625	per MO	40	State		n. organization, etc.) and addre	Common Carrier
salary or eatnings Starting \$ 564 Final \$ 625 Vame and title of immediate s Jos. Wernimon	per Mo apervisor nt, Engr.	<u> </u>		Name of employer (firm Internati	onal Telephon	Common Carrier ss (including ZIP Code, if known) e & Telegraph
alary or eatnings Starting \$ 564 Final \$ 625 Jame and title of immediate s JOS. Wornimon Area Code and phone No. if 1	nt, Engr.	Supr	•	Name of employer (firm Internati Kellogg,	onal Telephon Chicago, Ill	Common Carrier ss (including ZIP Code, if known) e & 'Telegraph
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alary or eatnings Starting \$ 564 Final \$ 625 Name and title of immediate s JOS. Wornimol Area Code and phone No. if I Reason for leaving Oppol	per Mo appervisor nt, Engr. known rtunity t	Supr	.n e	Name of employer (firm Internati Kellogg, experience	onal Telephon Chicago, Ill on Western El	Common Carrier ss (including ZIP Code, if known) e & Telegraph ectric equipment
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Salary or earnings Starting \$ 564 Final \$ 625 Name and title of immediate s JOS. Wernimon Area Code and phone No. if I Reason for leaving Oppon Description of work	per Mo appervisor nt, Engr. known rtunity t	Supr o gai	n e	Name of employer (firm Internati Kellogg, experience Item 10-9 Exact title of position Communic a	onal Telephon Chicago, III on Western El Continued on	Common Carrier ss (including ZIP Code, if known) e & 'I'elegraph ectric equipment Pages 22 & 23 gency use (skill codes, etc.) If Federal service, classification series
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salary or eatnings Starting \$ 564 Final \$ 625 Vame and title of immediate s JOS. WORNIMON Area Code and phone No. if I Reason for leaving Opposition Description of work 10 Dates of employment (" From 7-57 Salary or eatnings Starting \$ 315	per Mo appervisor nt, Engr. known rtunity t Ple vonib, year) To 5-60 per MO	Supr o gai	Place City:	Name of employer (firm Internati Kellogg, experience Item 10-9 Exact title of position Communic a of employment Northlake,	onal Telephon Chicago, III on Western El Continued on For a tions Enginee	Common Carrier ss (including ZIP Code, if known) e & 'I'elegraph ectric equipment Pages 22 & 23 gency use (skill codes, etc.) If Federal service, classification series
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CONTINUATION SHEET FOR STANDARD FORM 171 "PERSONAL QUALIFICATIONS STATEMENT"

.

Budget Bureau Approved 50-R0387

INSTRUCTIONS-Fill out this form only when necessary for completion of Item 18 "EXPERIENCE," on Standard Form 171. Enclose with your Starement. Typewrite or write clearly in dark ink.

1. Name (Last) (First) (Middle) (Maidee						
	n, if any)	Mr.	Miss Mrs.		2. Birth o	late (Month, day, year)
Hernandez, Charles					N	ov. 3, 1933
3. Kind of position applied for, or name of ex	amination				4. Date of	f this continuation sheet
Member of Staff -	OTP				J	an 19, 1971
Dates of employment (month. year)			Exact title of position			If Federal service, classification series and grade
11 From 1-57 то 7-5'	7		Laborato	ry Technic	ci.an	and grade
Salary or earnings Starting \$ 320 per Mo	Avg. hrs. per week		of employment forton Gr.	Number and kind	or em-	Kind of business or organization (manufacturing, accounting, insurance, etc.) Research &
Final \$ 370 per Mo	40	State	[1].	0		Development
Name and title of immediate supervisor			Name of employer (fin	m, organization, etc.)	and addres	s (including ZIP Code, if known)
Art Yeslin, Engr. 1	In Char	ge	Inland T	esting Lal	borat	ories, Cook
Area Code and phone No. if known		0-		Co. Morte		
Reason for leaving This was nig	pht em	2010	ment - int	enfered w	ith a	abooling and most
Description of work	Jan A Maral	and a start of				choorrug and rost
FIC	ase Se	90]	tem 10-11	Continued	i on	Page 25
			and the state of t			
					For ag	ency use (skill codes, etc.)
Dates of employment (month, year) From To			Exact title of position			If Federal service, classification series and grade
Salary or earnings	Ave hrs	Place	of employment	Number and kind ployees supervised	of em-	Kind of business or organization (manufacturing, accounting, insurance,
Starting \$ per		City.				etc.)
Final \$ per		State:		1		
Name and title of immediate supervisor			Name of employer (fi	rm. organization. etc. 1	and addres	is (including ZIP Code, if known)
Area Code and phone No. if known						
Area Code and phone No. if known Reason for leaving						
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Area Code and phone No. if known Reason for leaving						
Area Code and phone No. if known Reason for leaving						gency use (skill codes, etc.)
Area Code and phone No. if known Reason for leaving Description of work						
Area Code and phone No. if known Reason for leaving			Exact title of position			
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	A Mar Mar Martin	1				
	ATTA	CH SUPPLEMENTAL S Answer all questions	HEETS OR FORMS HERE			
	r been employed by the Federa		20. Birth place	21. Legal or voti	ing res	idenci
give your <u>last</u> : Grade	le	b Title	- City: Bensenville,	(State) D.	C.	
0.010			State (or Foreign Ill.			
GS12 22. REFERENC	ES. List three persons wh	ons Specialist	Country J: and who have definite knowledge of your qu	alifications and	fitne	es for
the position for	which you are applying. Do	o not repeat names of super	visors listed under Item 18, EXPERIENCE			
	Full Name		Address (Number, street, city, State and ZIP Code)	Business or O	ccupat	ion
John Nels	on	7564 Kingmar Annandale,	n Dr. 18. 22003	Commun Engine	ica	at.
Jack Brar	idenburg	545. Fairvier Galion, Ohio		11		
George Pe		6321 Eastern Wash. D.C. 2	20011	11		
	PREFERENCE. A. Have or training as a reservist or the Items B through E below		uty in the United States military service? (E	xclude tours of	Yes	No
B. List for all active			C. Have you ever been discharged from the under other than honorable conditions?		Yes	No
Dates (From-To)	Branch	Serial or Service Number	any such discharge changed to honorable Review Board or similar authority.) If "Yes," give details in Item 34.	by a Discharge		A
Apr 54 to Jan 56		US55482879	D. Do you claim 5-point preference based o the armed forces?		Yes	No
1 an 20	Signal Cor	P	If "Yes," you will be required to furnish	records to support	La.	1
	-		your claim at the time you are appointed. E. Do you claim 10-point preference?		Yes	No
			If "Yes," complete and attach Standard 1	form 15. "Claim		X
	NEW/ED PEDIC AL TIT	OF OTA AND AND A CONTRACT	for 10-point Veteran Preference," together called for in that form.	with the proof		
	zen of the United States?		AN "X" IN THE PROPER COLUMN		Yes	No
If "No," give	country of which you are	a citizen:		******	Y	
		n 25 in the attached instruct				
A. Are you n (1) The (ow, or within the last ten y Communist Party, U.S.A.,	years have you been, a mem or any subdivision of the Co	ber of: ommunist Party, U.S.A.?			X
(2) An o	fganization that to your pro	esent knowledge advocates ti blence or other unlawful me	he overthrow of the constitutional form of p	overnment of		X
B. If your ans	swer to Item $A(1)$ or $A(2)$	is "Yes," write your answe	ers to the following questions in Item 34 or	on a separate		10000
(1) The	name of the organization?	(2) The dates of your men	nbership? (3) Your understanding of the a	ims and pur-		
poses	of the organization at the	time of your membership?				
others, we nee	ed information about the fo	lowing: Do you have or ha	ir your health, or which might be a hazard we you had, heart disease, a nervous breakdo	wn, epilepsy.		
If your answer	is "Yes," concerning any of	ne of these, give details in Ite	<i>m</i> 34.	**********		X
27. Within the la	st five years have you been	fired from any job for any r	eason?			25
If your answer	to 27 or 28 above is "Yes,"	give details in Item 34. Sho	it you would be fired? w the name and address (including ZIP Code	1 of outplayou		12
29. Have you ever	t been convicted of an offer w? (You may omit: (1) to	se against the law or forfeite affic violations for which vo	gree with your answers in Item 18, EXPERIE ed collateral, or are you now under charges f u paid a fine of \$30.00 or less; and (2) any	or any offense		A
mitted before	your 21st Dirthday which	was finally adjudicated in a j	juvenile court or under a Youth Offender la rt-martial?	W.)		n
If your answer	r to 29 or 30 is "Yes," give		r each offense: (1) date; (2) charge; (3) pla			
ana ()) actio	n laken.					
B. Do you live	with, or within the past 1	in the attached instruction s	or as a member of the Armed Forces any re- sheet.)		A	A
131 88441201	wer to A is "Yes," give in usbib: (4) department, agen	Item 34 for such relatives: (y, or branch of the Armed H live with or have lived with	1) full name; (2) present address (include Forces. If your answer to B is "Yes." also gi	ng ZIP Code); we the kind of		
32. Do you receiv	e or have you applied for re	etirement pay, pension, or o	ther compensation based upon military or F	ederal civilian		
If your ansuer	is Yes, gue deails in Ite		nicipality?	*******		A
If "Yes," give	type of position or name of	office, and location, in Item 3-	4. Include whether elected or appointed.			~

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Signature and Tule		ou be stigati	Spe
Date		gin ion, t in	e.

Item 14G Continued:

SCHOOL

US Dept. of Agriculture Washington, D.C.

Howard University & Small Business Administration Washington, D.C.

New Mexico State University Las Cruces, New Mexico

U.S. Army Signal School Fort Mounmouth, N.J.

ITT Kellogg Engineering Training School Chicago, Ill.

US Government, USAFI Schools Madison, Wisconsin

TITLE & OUTLINE OF COURSES

- I. Teleprocessing & Data Systems
- a. Teleprocessing
- b. Data nets
- c. Processors
- d/ Peripherals
- e. Data economics
- II. Operators Training
- a. IBM 360

I. Workshop Meetings on Business Management

- a. Banking relations
- b. Record keeping
- c. Insurance
- d. Loans
- e. Public relations
- f. DC regulations
- g. Promotions
- I. Statistics
- II. Business Administration
- I. Fixed Station Radio Repair
- a. Basic electronics
- b. Antenna systems
- c. Frequency shift theory
- d. Control line equipment
- e. Electronic repair and Overhaul of Radio equipment
- f. Fixed station systems
- g. Field training

I. Telephone Engineering

- a. Automatic toll ticketing systems
- b. Electronic PAX systems
- c. PABX special systems & services
- d. Switchboards & test boards

I. Television II. Speech III. Illumination Item 14G Continued

Automatic Electric Engineering Training School Northlake, Ill.

Mid-Continent Institute of Television Chicago, Ill.

Strowger School Northlake, Ill.

- I. Telephone Engineering
- a. Automatic switching systems
- b. Circuits
- c. Telephone equipment & test
- d. Ring, intercept, & alarms
- e. Superstructure & runways
- f. Power & Batteries
- g. Traffic calculations
- h. Supporting department relations
- i. Contract and order analying
- j. General engineering
- I. Television
- a. Antennas
- b. station equipment
- c. Power supplies
- d. Circuitry
- e. Black & white Television
- f. Color television
- g. Trouble shooting
- h. Customer relations

I. Transistors

- a. Semiconductor physics
- b. Junction transistors
- c. Small signal audo amplifiers
- d. Interstage coupling & transcient noise
- e. Semiconductor power supplies
- f. transistor power amplifiers
- g. Diode and transistor logic circuits
- h. Special topics
- i. Hybrid parameters

Item 146 Continued

Charles Hernandez

- 1) Automatic Electric Co. relephone Training School, Northlake, Ill. 6-57 to 12-57, telephone engineering course, Certificate.
- 2) ITT Telephone Engineering School, Chicago, 111. 5-60 to 7-60, telephone engineering course, Certificate.
- 3) US Dept. of Agriculture Graduate School, Wash. D.C. 7-70 to 12-70 and 1-71 to 4-71, Data Communications, Certificate.
- 4) Howard University, Wash. D.C. 9-69 to 12-69, Business Management, Certificate.
- 5) Mid-Continent Institute of TV, Chicago, Ill. 1-54 to 3-54, television engineering, Certificate.
- 6) US Army Signal School, Fort Monmouth, N.J. 7-54 to 1-55, Electronics and Radio, Certificate.
- 7) United States Armed Forces Institute and GED School, Madison, Wis. 12-54 to 10-55, technical courses, Certificates.
- 8) Sangamon Electric Co. Data Modem School, Springfield, Ill. 12-70, Data Communications, Diploma

ITem 10-1 Continued

Prest are

Charles Hernandez

Oct. 27, 1970

Dr. Clay T. Whitehead, Director, Office of Telecommunications Policy, Washington, D.C.

Dear Dr. Whitehead,

This letter is to supplement my previous letter and work experience summary, of July 21, 1970, inquiring about a possible position on your staff.

I am attaching my present job description, GS-393-12. However, I have had an additional duty assigned to me, for about year now, covering Data sets or Data modems for use on Rural Electrification Administration, (REA), loan borrower telephone systems. My effort involves providing engineering assistence, recommendations, writing data specifications, and attending manufacturer meetings on data, interface, connecting arrangements and network protection considerations. In addition, my function to REA includes offering advice on customer provided interconnection equipment regulations and rates. I am presently going to attend a Data Modem school in Illinois.

I also cover connections with Eustomer-provided recording, reproducing and automatic answering and recording equipment. I have attended discussions with Agriculture and outside labor relations personnel.

It has been noted that your Office is concerned with similar areas. The use of data in small rural electric and telephone utilities is very limited, and will be for some time. Therefore, possibly my overall data and telephone systems experience could be better utilized in your Office. I would appreciate the opportunity of an interview to further discuss this area. Thank you.

Sincerely,

Charles Hernandez 4200 37th St. NW Wash. D.C. 20008

(Fage 11)

Irem 18-1 Continued

Charles Hernandez

B.N. 9749

Telephone Operations & Standards Division Station Equipment and Protection Branch

Communications Specialist GS-393-12

Under general supervision of the Chief, Station Equipment and Protection Branch, incumbent performs the following duties:

- Works with supervisor in the development and improvement of standards and specifications for station equipment, ringing systems and protection devices. This includes working with staff engineers and other communications specialists and telephone technicians to obtain improved performance and to achieve maximum operational compatibility of these facilities with other telephone plant components.
- 2. Conducts technical studies in connection with specific design and operations problems of station equipment, ringing, and protection equipment. Results of these studies are used by manufacturers in the development of new or modified equipment which will provide improved performance and/or lower costs.
- 3. Develops procedures for obtaining operational and cost data on new station equipment, ringing, and protection materials and equipment installed on REA borrowers' systems. This information is used to determine annual costs and when design improvements are necessary.
- 4. Participates in technical conferences with representatives of equipment manufacturers, telephone companies, other Government agencies, and national scientific bodies regarding station equipment and protection materials and equipment.
- 5. Conducts laboratory and field test programs, including proper instrumentation and procedures, for station equipment, ringing systems and protection equipment and devices.
- 6. Prepares technical data on station equipment and protection for incorporation into the Telephone Engineering and Construction Manual, technical papers, etc., for use by borrowers and their engineers.
- 7. Consults with Area Office engineers on specialized communications matters relative to station equipment, ringing systems and protection and, as directed, renders advice and assistance to borrowers, their engineers and contractors regarding these matters.
- 8. Keeps abreast of current technical developments in the field of communications.

Travels in the field, as required, in the performance of the above duties and performs related assignments.

Item 18. -2,3, & 4

WORK EXPERIENCE

Item 10-2 Continued

3/69 to 6/69: United Design Service Co., Telecommunications Engineering Division Head, (Acting). Duties covered administering division in regards to obtaining new commercial and government prime and sub-contracts. Advised General Manager on procedures and policies and assigned personnel. Made marketing visits to private and government agencies, explored new markets for potential business thru personal and telephone contacts, organized division set up and operations and made cost and budget estimates for manpower and operating activities. Item 10-3 Continued

1/69 to 3/69: Burnup and Sims Co., General Systems Engineer, on the local and toll telephone systems of the General Telephone Company of Florida. Duties include trucking, signaling and interface design, as well as engineering of Automatic Electric and Stromberg-Carlson step and XY systems. General telephone company operating procedures and methods are analyzed and applied in performance of duties.

General systems engineer on local and toll telephone systems of the General Telephone Co. of Florida; prepared technical data on trucking, signaling and interface problems; detail planner c. complex and large telephone exchanges, including advice and assistance in installation phase; soley responsible for certain exchanges in Florida; established engineering practices to insure highest state of communications; conducted on-site surveys to analyze equipment, operational methods, and engineering design and layout procedures; performed liaison with traffic departments and transmission and protection departments; participated in General Telephone operating procedures, methods and practices and applied this knowledge to performance of duties; reviewed and analyzed new concepts and jproducts in voice and data communications equipment to provide modern services.

Item 18-4 Continued

5/68 to 1/69: Wells Systems Engineering Center, As member of technical Staff, advised Manager of Marketing on Communications contracts, proposals and bids, and carried on technical liaison with manufacturer's representatives and government agencies. Projects included Voice and Data Systems, including a Wideband Switching Center for NASA, Centralized Automatic Testing System (2/4 Wire), and European Wideband Communications Systems.

As member of the Technical Staff, advised and assisted Director of Engineering on Communications contracts, proposals and bids, both for Military and Commercial concerns; carried on and managed technical liaison with manufacturer's representatives and government agencies; project planner on voice, data and general intercom systems, including Wideband Switching Centers for NASA, European Wideband Systems and Automatic Voice Testing design; reviewed, analyzed and maintained directory of new concepts and products in communications; sole representative at bidders conferances and meetings; traveled in the field as required in the performance of duties; prepared technical data, digests, and reports and developed new ideas for engineering and marketing. Government agencies were the Departments of Agriculture, Commerce, State, White Fouse Telecommunications, Emergency Planning, Defense and some embassies. ENGINEERING WORK EXPERIENCE

Page Communications Engineers (subs. of Northrop Corp.) Washington, D.C.

Title: Senior Engineer, Tel. & Data Dept. From :Mar'66 To Dec. 167

Duties: A major period of employment consisted of detail tech control engineering on the Intergrated Wideband Communications System, (IWCS), a highly complex "tropospheric" radio telephone system in Southeast Asia to provide voice and teletype communications between US military and allied forces. This included the prearation of rack face elevations, CDF's, VF Channel and Circuit Assignments, cross-connects and cabling. The drawing formats were trashed out in engineering into working installation drawings, resulting in a standard complete package, with common drawings, Evenlpresent changesaadded more detail engineering efforts, and added to a good engineering experience in tech control. Compatibility of circuits and apparatus were carefully considered. VF Attenuators, VF Amplifiers, Ringdown Converts, 2/4 Wire Terminal Sets, 1600 and 2600 Cycle Signalling Units were part of the IWCS and were geared for rapid engineering and installation. Five months consisted of detail engineering of two-way operator to customer, (OTC), dialing between Nassau, Bahamas, and North America. This included 3 months on site with the Bahamas Telecommunications Department in Nassau. The North American end of these 60 trunks were terminated in a AT&T No.4 Toll Crossbar office in Miami. The Nassau project required careful and precise engineering and installation and time scheduling to change over from a ringdown basis to a dial basis, using E&M 2600 Cycle signalling. This included performing and coordinating link testing of OTC equipment at Nassau and the U.S. and planning with AT&T and the Department of Telecommunications in Nassau. A great deal of "on-site" engineering was accomplished in interfacing the British and American equipment. Engineering recommendations and evaluations were coordinated with the Nassau customers, resulting inta better engineering operational performance. A 2-position toll operator assistance position was detail engineered to complete and record inward collect, time and charges at the Freeport, Grand Bahama Island toll office. Proposal duties covered the Chile Earth Station in Santiago and the tandem switching centers for Southeast Asia. The Chile Earth Station effort consisted mainly of interface problems and transmission considerations, including circuit patch bays, and distributing frames. The 9 tandem switching centers for Southeast Asia consisted of 4-Wire step by step switching equipment with common control facilities to include interface with IWCS and dial central offices in SEA. Each tandem switching center consisted of operator switchboards, power plants, trunking equipment, supervisory equipment, traffic regisgers, and alarms. The center provides direct distance dialing, (DDD), capabilities for all US military dial central offices and operator distance dialing for manual offices in SEA. The planned switching conforms to DECEO plans H-500-10-64 and H-500-25-64.

(Page 15)

Acted as Technical employment counselor in a professional employment agency, (90% of applicants were college graduates); solely responsible for personnel counseling, rearuiting, public relations, promotion of services and scheduling; participated in conferances on employer requisitions and personnel specifications with employers; provided advice, and assistance to job-seeking technical people; continually monitored applicants process, progress, and behavior; reviewed and recommended to manager new analysis for improvement in operations; traveled in the field as required in performance of duties; performed close lisison between employer and employee; utilized engineering background to counsel and guide prospective applicants to a better result. Manager provided me with on-the-job training in the above duties also. Approximately 25 metropolitan business companies were visited and correspondence was carried on with about 300 companies in the local area. Most of the applicants were white with only a small percentage, 5 to 8%, being Negroes. Reviewed some company policies and personnel practices and toured several compenies.

(Page 14)

Stromberg-Carlson Universal Electronic Register Send (207000-577) Stromberg-Carlson Switching System, S-Y, with DSA positions (207000-111) Stromberg-Carlson 100 trunk tandem 4-wire switching Machine (with Matrix) (207000-577)

Automatic Electric 4 Wire Switching System (Autovon) Automatic Electric Director, Type 101, 102

Some Equipment Worked On:

British STC 391-LTE-4AD Boll TESTBOARD British STC LXU-IC Ringers British ATE 6/A W/3A Relay Sets British STC 102-LTA-3A 2/4 Wire Terminations British STC Channeling British STC ATC 471-LTD-3 Supervisory Bay British STC Transmission Test Trolly 74510-D British STC Switching Selectors

Northern Electric 2-Way Intertoll Trunk, (J61571CG-1) Northern Electric Intertoll Auxiliary Trunk, (J61401AF-1) Northern Electric Intertoll O.G. Trunk, (J61401A-1) Northern Electric 3CL Switchboard

Lenkurt Electric 2600 CPS Signaling Units, (27817-02) Lenkurt Electric 4 Wire Term Sets, (31041-01) Lenkurt Electric Service Extension Unit, (41143-01) Lenkurt Electric Signaling Test Set, (26-600) Lenkurt Electric Echo Suppressors (931-B)

Systems Engineered:

Integrated Wideband Communications System for Southeast Asia Bahamas Telecommunications Toll Facilities to the United States

Page 16)

Item 10-7 Continued

Fred Sec

ENGINEERING WORK EXPERIENCE

RADIO CORP. OF ANERICA (Government Service Div.)

Canden, New Jersey

Title: Project Engineer (Item 1) & DCA Commo. Engineer (Item 2)From: Mar'63-. To: Mar'66

Duties: Item 1 - Responsibility is to serve as a Project Engineer within the Inside Plant Section, Wire Communications Div., Communications Directorate, White Sands Missile Range, New Mexico, engineering and coordinating duties involved in the preparation of complex engineering projects for wire communications equipment and systems; fulfill requests for service requirements originating from users of the Integrated Range which might derive from the Integrated Range Master Plan or are "crash" type installations to meet the immediate needs of the user. Functions cover preparation and analysis review of details, plans and estimates for wire communications, automatic dial telephone equipment, including some wire carrier facilities; and manage and control plans projects with other personnel within the Communication Directorate to assure equipment compatibility and space to provide for future expansion of facilities; prepare cost estimates for canpower, supplies and material required to complete installation of projects; develop complete justification and operational analysis data for support of projects, including cost, priority category of requirements, project history, description, authorization, procurement, planning. rescheduling of supply and construction activities; make up complete bill of materials for equipment required for installation, indicating source of materials; prepare and revise standard equipment and facility list, and forecasts mometary and manhour requirements necessary for installation of projects; assure major equipment is available for projects by ear-marking materials available, coordinating with others to see if suitable items left over from another job may be diverted, initiating requests for supply action or authorization for local purchases, etc., direct and prepare drafts of specifications to be followed by Installation personnel covering types of equipment, location, trunking, cabling, ducts, interviring, switching, lighting, ventilation and power distributions; engineer facility utilization covering engineering plans, drawings, and sketches of inside fixed plant communication systems, determine and analyze weight requirements, operational characteristics, type and number of personnel required for operations, formulate standard engineering, improved methods and practices for the installation, maintenance, operation or rehabilitation of inside fixed plant communication equipment; plan for future requirements based on experience factors and plans of user organizations; participate in plans for future requirements by conducting traffic and other engineering studies, taking into consideration planned expansion and experience and knowledge of missile support requirements; prepare installation requests for project installation, maintain management engineering contact with projects during the installation phase; inspect completed installation work to insure compliance with specifications and standard installation practices and prepare progress reports on assigned engineering projects.

a. March yet

A highlight of this enployment was the opportunity to be the Communications Directorate engineer for the dial central office "Transmission Routine Automatic Checking Equipment." This "TRACE" system, manufactured by the Northeast Electronics Co., was a prototype model designed to provide centralized automatic programmed testing for a large number of telephone circuits. This model tested all selectors, connectors, as well as trunks on a 1-way or loop around basis. Close technical coordination with the NEC design engineers was called for and many changes were made with no formal record keeping. Many times work was relayed to the Installation team on sketches and handwritten memos. Prepared technical progress reports for the Chief, inside Plant Section, for a period of 6 months on this project. Resolved equipment malfunctions and initiated operating and maintenance practices. Early assignments dealing with a wide variety of complex communication equipments and systems provided a solid background for this assignment.

(Fage 10)

Item. 18-7. Continued

Some Equipment Engineered:

Automatic Switching Equipment - Stromberg-Carlson Type XY

Automatic Electric Type II

Automatic Switch Recording Equipment

Northeast Electric Corp.

Some Projects Engineered:

White Sands Missile Range Telephone Exchanges - Total 7 from 100 Lines to 1000 Lines;

- a. 200 Line Addition at ALA #5;
- b. 200 Line initial installation at Small Missile Range;
 - c. "MAR" Trunk Addition;
 - d. 200 Line addition to the Green River Test Complex, Utah;
 - e. Northeast Electronics "TRACE" System

Engineering Project at Present:

White Sands Missile Range DIOD and Universal Numbering System Northease Electronics "TRACE" System

(Fage 19)

Item 10-7 Continued

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Ited 2 - My status function in the Defense Communications Agency, Europe, located at Paris, France was to provide technical representation for the Chief, DCA-Europe, and to exercise operational direction and management supervision of the Defense Communications Systems in the European area; performed technical review for major phases of engineering plans and proposals submitted by all the military departments for construction and installation communications facilities; directed and prepared recommendations for approval or modification, engineering and installation of approved facilities; made commitments and conclusions that effected the engineering of communication sub-systems and circuits; attended conferences and meetings with representatives of military departments, commercial companies, and foreign governments, (NATO), on matters involving the engineering of communications facilities and other related matters in assigned area of responsibility. Work was accomplished independently and was reviewed in terms of conformance with policy, overall technical adequacy and attainment of objectives; adapted known design techniques and criteria to meet new or changing requirements relating to the transmission and reception of either wire or radio communications covering systems analyzation and integration; provided technical and improvement of all the military commands and activities. Transmission engineering and circuit layout duties were performed for improved service to operating circuits; such as Voice (2 Wire/4 Wire), Teletype, VFTG Groups, Data, Secured and Leased, - covered was Teletypewriter traffic, network engineering, thru-group filters, W.E.Co. echo suppressors, loading coils, long line equipment ringers, antennas (Rhombic), and red-black concepts. All types of signalling, including French PTT 6 Wire Facility, was utilized. The Defense Communications System's long haul point-to-point tele-communication requirements included single and multi-channel trunks, utilizing HF Radio, ionospheric and Propaspheric Scatter, Microwave and cable facilities, necessitating a good broad background in communications. A major function of employment was circuit allocations and monitoring, covering conditions of circuits, backlogs, status of channels allocated to various users at some 200 switching centers. Other duties involved engineering operational performance evaluation and efficiency of the DCS stations to determine their ability to perform assigned missions; prepared written technical reports of visits for the Chief, providing recommendations for the solution of technical problems; evaluation specialty was telephone exchanges, transmitters, problems; evaluation specialty was telephone exchanges, transmitters, tape relays, tech control and receivers. Coordination of DCA engineering office procedures and records was also handled, calling for the make-up of circuit reports, allocations, circuit saving reports, systems, message handling reports, and engineer work load reports. Some (3 months) radio frequency work was accomplished, covering radio frequencies utilized by the U. S. Forces and CINCEUR.

Some equipment engineered, utilized and evaluated:

White House Switchboard and Assoc. Equipment, WECo 758-A Troposcatter and Diversity Systems

(rage 20)

Item 18-7 Continued

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Telephone Terminals AN/TCC-3, AN/TCC-7 Teletypewriter TT-4/TC, AN/FGC-52-X Telegraph Repeaters TT-18/FG Radio Transmitters BC-610-E-H, T-43/GRC-26 Console 35Z-12, Speech Amplifiers Secure Equipment, KW-26, S3M-33 Convertor, CV-566/GT TBM 65 and 66 Transceivers TA-132 Ringers, Modulators, Demodulators ITTF Signalling Unit, NUS-5973-1 GE UHF, VHF, SHF, LF (#2.5 kw, high and low power) FRC-39 Tropo TSC-600

Foreign equipment evaluated and reviewed:

Siemens-Halske Tol. Equipment: Sybds. F36/50, FG-235/5002, F36-9FA235/560, Test Boards 9FG10-9002 Information Boards 0233/23, Teletype Equipment, 152 KW V3 Generators, SH-VZ 12, 24, EM 400 PPM

French Telephone Equipment: Switchboard type AOIP Redio Transmitter Siemens 125 Y 604 (33B) Radio Transmitter Raode & Schwarge SK1-35, VK10-235 Lorenz VHF and Marconi HF

Systems engineered are:

United Kingdom Microwave United Kingdom, -Spain, Morocco United, Kingdom, Germany, Italy North Atlantic Radio System (MARS) Big Rally LL Turkey Tropo

Evaluation Sites:

Heidelberg, Germany Paris, France Pirmasens, Germany Lindsey, Germany Seigelbach, Germany Dreux, France

(Fage 21)

ltem 10-0 Continued

ALPHA ENGINEERING SERVICE (Div. of Kartridge Pak Co.) Mt. Prospect, Illinois

Title: Communications Engineer From: October 1961 To: March 1963

Duties: Engineered the telecommunications central dial office switching systems of the Western Electric Co., together with writing and directing detailed engineering specifications for additions and modifications to Step by Step equipment, as well as some Crossbar Equipment. This required analyzing and diagnosing the W.E.Co.'s preliminary specifications and drawings for engineering the equipment into detailed equipment specifications and drawings for manufacturing and installation. Compatibility of circuits and apparatus was the chief consideration. Each job is different due to the unlimited amount of optional and feature variations. The proper analyzation requires a good knowledge of circuitry and specialized communications switching equipment. Coordinated specifications with W.E.Co. engineers to insure engineering and installation practices and methods. I was a Specification Checker with a Senior Engineer Rating. Supervision involved mainly technical problems and interpreting engineering policy. This included assigning the work specification to ten technical people, and organizing work loads, conducted general supervision in terms of project requirements and objectives.

Some systems engineered:

Wide Area Data Service, (WADS), with touch-tone dialing (100WPM TWX) Crossbar, Type XB-5 Carrier Loading, Types C-4, 03, A-2.6, X-2.6 ATT Step by Step Automatic Switching Systems

Some equipment engineered:

ATT Line Insulation Test, Type 1 ATT Local and Toll Test Panel ATT Loudspeaker Systems (Dial Central Office) ATT Line Concentrator, Type 1A (100 Line) ATT Service Observing Equipment (AMA, CAMA, ODD, XB-5) ATT Transmission Measuring Set, Type 21A

Item 10-9 Continued

ITT KELLOGG (Div. of International Tel. & Telegraph) Chicago, Illinois

Title: Communications Engineer, From: May 1960 To: October 1961

Duties: Telephone central office engineering, involving interpretation, preparation and application of equipment material specifications for independent telephone companies. These specifications covered additions as well as new installations. Some specifications were engineered according to "REA" specifications. In addition to engineering the local and toll automatic switching systems, my other duties involved traffic grading, and calculations, preparing special standard and job drawings, equipment design (Linefinder and Superstructure), bid and proposal specifications, and power work, including power bays and battery supplies. Diagnosed and analyzed initial Electronic Switching Systems. Special services, such as Fire Systems, Code Call and Executive Right of Way, were engineered. Individual

Item 10-9 Continued

in the for the

Charles Hernandez

progress as an Engineer was stressed. One of the high points of employment was the opportunity to develop and engineer Automatic Toll Ticketing Systems (Direct Distance Dieling). I had complete responsibility and control for my work. This covered responsibility for organizing and carrying through final acceptance papers.

Systems and Services engineered:

ITTK 100 Line Electronic Switching System with VF Conns. and Ferrite Core Memory ITTK Automatic Toll Ticketing (ACESS Code, employing Operator Intercept, with Freiden tapes and printers Paystations (Post and Prepay) Telephone number assignments Conversation Timing Fire Alarns (Inside Plant and Commercial Systems) Camp-on-Busy ITTK Special PABX Services for Hotels and Motels, including Restriction Networks, Toll Code Restriction Circuits, Code Call, Key-Calling Executive Right-of-Way, and Watchman's Service ITTK Transposition Systems (patterns, coupling)

Some equipment engineered and utilized:

Negative Impedance Repeaters, Type AT-5 (Shunt, Series, Convs.) Voice Frequency Repeaters, Type AT-3 (Transistorized) Switchboards, Common Battery, Magneto, Multiple Wheatstone Bridge AM-Voltmeter (AC and DC) Maintenance Tools Test Plugs

Item 10-10 Continued

AUTOMATIC ELECTRIC CO. (Subs. of Gen. Tel & Electronics) Northlake, Illinois

Title: Telephone Engineer From: July 1957 To: May 1960

Duties: Telephone central office engineering, covering duties similar to those performed at ITT Kellogg. Engineered special systems and features, as noted below, to fulfill engineer competence and progressive training. Floor plan and equipment bay layouts were handled. This included Distributing frames, superstructure and rolling ladders and test boards (Repair and Information); directed structual changes such as ceiling height, removal of columns or other obstructions. Central office grounding methods, subscriber station grounds and measurements were utilized. Cabling duties were performed, such as listing the numerous cable runs, run number, size and number of cables per run, number of circuits and conductor designations. Telephone cables, inside and outside plant, HF and buried cables were utilized, and calling for transmission property and net loss specifications.

Item 10-10 Continued

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• Some employment consisted of engineering of switchboards, physical features, plugs, jacks and drops. Part of this employment included on the job training in telephone switching systems, general engineering and contract and order analyzing. Engineering department relations and responsibilities with supporting departments, were heavily stressed. Valuable experience in preparing covering engineering letters, nemos, and correspondence was obtained at Automatic Electric as well as ITT Kellogg and Alpha Engineering Service. After training periods, received general supervision in terms of project requirements, policies and objectives. Maintained contact with the Installation Department to assist in solving problems in the installation phase.

Systems and services engineered:

Switchboard systems, Type 11, 20, 25, 50, 32Al, CAX, MAX, PABX, PAX, 32A38 Fire Alarm Networks (Commercial and central office) Lighting, Ventilation Intercept Service (Selector and Connector) Test and Verification Switch Trains Dial Radio-telephone service (Motorola) SATT Systems, Type 59 (Direct Distance Dial) Conference Networks Trafficorder (Portable and Fixed) Reverting Call Methods (all types) Switching Selector Repeaters Switchboards, magneto, common battery, multiple, AB manual, FBX Operating and service records (Complaints and faults) Secretarial Answering and forwarding Service, Type 37-D-7267-1

Some equipment engineered:

Automatic Routiners Special Service Telephones, Types 85-87 Loudspeaking Telephones, Type 83 Dan Mac Extension Bells Loran PJ, PB, PA Power Models Automatic Recorder Announcer, Type VMC, SCC (Single and Multi-channel). Single Frequency Signalling, Type ASF'1 Time Announcer, Type A (Types, clocks, amplifier) Pulse Repeaters, loop, battery, SX, CX Repeat Coils, Type 1-5, 3718 (CX, SX, Phantom) Telephone Ringing Equipment, Harmonic, decimonic, code, 20 cycle Harmonic Convertor power shelves Subcycles, Howlers, Plugs Battery Charges and Eliminators, Type Flotrol Cors, Type 676, and 3800 Item 10-14 Continued . Charles Hernandez Inland Testing Laboratory (Div. of Cook Electric Co.) Morton Grove, Illinois

Title: Laboratory Tech.

From: Jan 1957 To: Jul 1957

Duties: Responsible employment consisted of research, development, and testing on Transistors, Condensers and Resistors. Component reliability was carried on for commercial concerns as well as for the Government. In addition to being a Test Console Wirer and Operator, I had to mount and set up components for testing and display and keep data and report records. Tests included shock and temperature variations. A very good working knowledge of research procedures and apparatus was obtained.

MISCELLANEOUS

The Milwaukee Railroad

Bensenville Yards, Illinois From: Mar 1956 To: Dec 1956

Title: Yard Clerk

Duties: This employment was part-time to allow me to go to school full time. My duties entailed posting and recording data on freight classification and movement involving the use of dictaphone and IBM Sorting Machines. Letter and number accuracy was stressed. Estimated number of hours worked per week is 30.

United States Army, (Signal Corp.)

Title: Communications Specialist

From: April 1954 To: Jan 1956

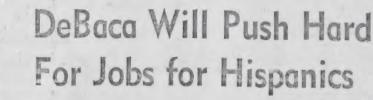
Duties: Fixed station and mobile transmitter repairman, including military police radio, teletype and transmission line maintenance; radio and transmitter operator and repairman for Psychological Warfare Unit, (First Leaflet and Radio Broadcasting Battalion), Army Command and Administrative Network, (ACAN), Military Affiliate Radio Systems, (MARS), and 5th Army Headquarters. This area includes station duties as follows: frequency changing, keying characteristics, tuning procedures, maintenance, (trouble records, equipment histories), operation logs, antenna headings, loading characteristics, primary and auxiliary power sources, fuel storage, spare parts, reel pull-backs and interference routines. Fort Monmouth Signal School instructor and overhead in Radio Division, (4 months). This included distribution and classification of textbooks and supplies to students. Grade was from private to SP4. Top Secret Clearance.

Some equipment utilized:

Transmitters, BC-510, BC-633 Teletype, Kleinschimt Transmission Measuring Set, W.E.Co. 13-A Single Sideband, D-156000, AN/FRT-22, 51 Multiplex Radio, TD-97/FGR-3 Motorola 2-way Radio Power Supplies, including large Diesel Generators Radio Receiving Set, AN/FRR-38, 41 Antennas, (Rhombic, doublets, vertical, wideband)

(Fage 25)

THE FEDERAL SPOTLIGH -



Fernando E.C. DeBaca talks straight 8 in two languages. And thinks more of us have to do the same.

DeBaca is the first official of the Civil Service Commission hired specifically to enhance the employment of Hispanics by the federal government.

In the two months he's been on the job, he's been telling federal managers that the old days of hiring and promoting only those who fit predetermined slots are over.

And he's telling his fellow Chicanos that it will take more time than they'd like in making up for past exclusion from federal employment.

The reason for both is the same: The task ahead is tremendous. Spanish-speaking citizens are vastly underrepresented on Uncle Sam's payroli 8 much more so even than blacks are.

DeBaca, 31, was hired away from a better-paying job as New Mexico's commissioner of motor vehicles to head the new CSC program announced by President Nixon in November.

Born in Albuquerque, N.M., and raised in El Paso, Tex. he personally knows the problems of discrimination and insensitivity that have kept Hispanics out of their fair share of jobs. His primary concern heretofore in improving the status of Spanish-Americans has been economic development 8 stimulating more ownership of the nation's resources by the second-largest minority, essentially through business involvement. He's been in several business groups.

And because he plans to return to that field, and not make a career in government, he intends to push as hard as he can to upgrade the status of Hispanics in the federal bureaucracy in the next few years.

"I'm not in this to make something nice for myself," he said in an interview. "I'm just the opening wedge for a lot of others."

That room needs to made for many other Hispanics in the government is evident from the CSC s own data.

The Spanish - speaking comprise about percent of the nation's population but hold only about 3 percent of the federal jobs.

By comparison, blacks constitute about 12 percent of the population and hold 1 percent of the jobs in the government.

All minorities, it has been pointed out amply, are concentrated at the bottom of the pay ladder. But even at the bot-

By PHILIP SHANDLER Stor Staff Writer

tom, blacks are ahead of Hispanics.

For example, blacks have 10.9 percent of the white-collar jobs, while the Spanish speaking have 1.9 percent. On the basis of their percentage of the general population, it could be said that blacks have 90 percent of their share of these jobs, while Latins have 35 percent.

Hispanics do have their share of the GS-1 jobs—5.5 percent. But the Blacks have 47.7 percent. Of the supergrade (GS-16-18)

Of the supergrade (GS-16-18) positions, blacks—as bad off as they are with only 1.5 per. cent—are twice as well off proportionately as the Latins, with .3 percent.

AS IF TO UNDERSCORE the magnitude of the job ahead, a group of Hispanics walked out on a top CSC official recently addressing a tederal equal-employment conference in San Diego.

The action disturbed CSC officials, who had set up this and other conferences in centers of Spanish residency and directed top area bureaucrats to come and hear the word on improving the lot of the Latins.

But the walkout could bring home the intensity of feeling among his compadres, while DeBaca calmly lays out the opportunities available for meeting the need. He cites programs for utilizing the disadvantaged, war veterans, etc.

DeBaca sympathizes with the beleaguered federal managers. Some would like to do more but are frustrated by manpower cutbacks. Others still are reeling from an effort to improve the lot of blacks.

Nonetheless, he keeps the spotlight on the need, and the potential for creativity by the officials, if they keep their eyes on their true constituents, the citizens of their areas.

"The old attitude of 'let them learn English' is dying out," DeBaca said. "Public servants are realizing they must accommodate the public not themselves."

And as the government "culturizes" its services—making them responsive to the partic-



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EXECUTIVÉ OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTC", D.C. 20504

Date: June 7, 1971

Subject: WARC Conference

To: Eva (for files)

Congressman Springer at the last moment could not attend the WARC Conference in Geneva and asked Congressman Clarence J. Brown of Ohio to replace him. Cong. Brown is a Republican and on the Government Operations, Interstate and Foreign Commerce Committee (2nd ranking Republican on the Communications and Power Subcommittee) and the Joint Economic Committee. His press secretary, Wayne King, called to ask us to supply background information on the Conference because he wanted to issue a press release from the Congressman's office. I listed the members of the U.S. Delegation of the first page of the attached list, read him the attached statement (prepared by Steve Doyle) and answered general questions about the Conference.

Helen Hall

The World Administrative Radio Conference on Space Telecommunications, keing held in Genera from June 7 to July 17, 1971 will review the world Radio Regulations established by the Inturational Teleanna unicitie Union, assess additional international frequency allocations for space services, and adopted standards and procedures for globally coordinated uses of the indio spectrum for space communicition services. Types of services to be considered masks include unternational telephone, telegraph, facsimile and television relay, space broadcasting service, meteorological, navigational, acconcentical and maritaine services, and deep space communicipais including radio astronomy.

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United States Delegation to the World Administrative Padio Conference for Space Telecommunications

(Geneva, June 7 - July 17, 1971)

Chairman:

Vice Chairman (Technical):

Vice Chairman:

Vice Chairman (Regulations):

Congressional Adviser:

Congressional Adviser:

Senior Adviser:

Senior Adviser:

Senior Adviser:

Political Adviser:

Special Assistant (Technical): Ambassador Robert C. Tyson

Wilfrid Dean, Jr. Office of Telecommunications Policy Executive Office of the President

Gordon L. Huffcutt Office of Telecommunications Bureau of Economic Affairs Department of State

Robert E. Lee Commissioner Federal Communications Commission

William L. Springer ' House of Representatives

Robert O. Tiernan House of Representatives

Dean Burch Chairman Federal Communications Commission

Joseph V. Charyk President Communications Satellite Corporation

Clay T. Whitehead Director Office of Telecommunications Policy

John M. Cates, Jr. United States Mission Geneva, Switzerland

Morris J. Ehrlich Consultant Office of Telecommunications Policy

Advisers:

. .

Gerald F. Allsman, Major, USAF Office of Telecommunications Bureau of Economic Affairs Department of State 2

S. A. Brunstein Jet Propulsion Laboratory 4800 Oak Grove Drive Pasadena, California 91103

Leo A. Buss Office of Telecommunications Policy Executive Office of the President

R. Crane Massachusetts Institute of Technology Lincoln Laboratories Lexington, Massachusetts 02173

A. James Ebel Vice President and General Manager Cornhusker Television Network 40th and West Streets Lincoln, Nebraska 68503

Harry Fine Office of the Chief Engineer Federal Communications Commission

Edward P. Fitzgerald Standard Oil Company of New Jersey 15 West 51st Street New York, New York 10019

Samuel Fordyce Office of Space Science and Applications National Aeronautics and Space Administration

Robert R. Greenwood, Captain, USN Chief, Radio Frequency Division US CINCEUR Department of Defense

John P. Hagen Department of Astronomy Pennsylvania State University 103 Whitmore Laboratory University Park, Pennsylvania 16802 William B. Hawthorne Chief, Frequency Division Federal Aviation Administration Department of Transportation

John S. Hodges Assistant for Frequency Spectrum Planning Naval Communications Command Department of the Navy

David W. Holmes National Environmental Satellite Service National Oceanic and Atmospheric Administration Department of Commerce

3

Albert L. Horley Director of Telecommunications Department of Health, Education and Welfare

William E. Howard National Radioastronomy Observatory Edgemont Road Charlottesville, Virginia 22901

Donald M. Jansky Office of Telecommunications Policy Executive Office of the President

Michel C. Jeruchim Valley Forge Space Center Space Systems Organization General Electric Company Philadelphia, Pennsylvania 19101

John J. Kelleher National Scientific Laboratories Westgate Research Park McLean, Virginia 22101

David M. Leive General Attorney Communications Satellite Corporation 950 L'Enfant Plaza South, S.W. Washington, D. C. 20024

David W. Lipke Domestic and Special Projects Office Communications Satellite Corporation Edward J. Martin

Manager, Advanced Systems Analysis Department Communications Satellite Corporation

James B. McElroy Office of Communications and Frequency Management

National Aeronautics and Space Administration

Saul M. Myers Deputy Chief Engineer Federal Communications Commission

James E. Ogle Director Office of Frequency Management Department of Commerce

James D. Parker Engineering and Development Department CBS Television Network New York. New York 10019

James B. Potts Director Earth Station Implementation Division Communications Satellite Corporation

Paul A. Price Chief Office of Communications and Frequency Management National Aeronautics and Space Administration

Samuel E. Probst Chief, Radio Frequencies Branch Defense Communications Agency Department of Defense

Edward E. Reinhart The Rand Corporation 1700 Main Street Santa Monica, California 90406

Richard E. Shrum, LCDR, USCG Telecommunications Liaison Division U.S. Coast Guard Department of Transportation Raymond E. Simonds Director RCA Frequency Bureau 2000 L Street, N.W. Washington, D. C. 20035

Hillyer S. Smith, Jr. Director Regulatory Affairs and Frequency Planning Aeronautical Radio, Inc. 2551 Riva Road Annapolis, Maryland 21401

Hans J. Weiss Manager Radio Frequency Utilization Department Communications Satellite Corporation

H. E. Weppler Engineering Director Radio and Guided Waves American Telephone and Telegraph Company 195 Drondway New York, New York 10007

John R. Williams Frequency Allocation and Treaty Division Federal Communications Commission

United States Territories Delegation:

Chairman:

William E. Denny United States Mission Geneva, Switzerland

Adviser:

Walter R. Hinchman Office of Telecommunications Policy Executive Office of the President

Adviser:

George F. Mansur Deputy Director Office of Telecommunications Policy

Adviser:

Sidney Metzger Assistant Vice President and Chief Engineer Communications Satellite Corporation

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The World Administrative Radio Conference on Space Telecommunications, keing held in Genera from June 7 to July 17, 1971 will review the world Radio Regulations established by the Inturational Telecommunication Union, assess additional international frequency allocations for space services, and adopted standards and procedures for globally coordinated uses of the radio spectrum for space communication services. Types of services to be considered unable include undernational telephone, telegraph, faccimile and television relay, space broadcasting service, meteorological, navigational, accommunication includes under the service, and due space communications including radio astronomy. -

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John Sauls Office of International .Conferences Department of State

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Office of Telecommunications Policy Route Slip

To

Clay T. Whitehead George F. Mansur Nino Scalia Will Dean Walt Hinchman Charlie Joyce Jack Thornell Frank Urbany Steve Doyle Bill Lyons Brian Lamb Linda Smith

Eva Daughtrey Timmie White Judy Morton Elaine Christoft

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Suspense: June 4

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SUSPENSE: COB REMARKS: June 3, 1971

The Honorable Ted Stevens United States Senate Washington, D.C. 20510

Dear Ted:

Thank you for sending us a copy of the Fairbanks Daily News-Minor's special edition entitled "Alaska Challenges the 70's."

It is certainly a thorough and intereating expression of Alaska's activities and present concerns, and I appreciate your bringing it to my attention.

, Best regards,

Clay T. Whitehead

CTW:BPL:HGH:hch

cc: Whitehead Lamb Robinson

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TED STEVENS

Aniled States Senate

WASHINGTON, D.C. 20510

May 27, 1971

Honorable Clay T. Whitehead Director Office of Telecommunications Policy 1800 G Street, N. W. Washington, D. C. 20504

Dear Tom:

Under separate cover I am sending you a copy of the Fairbanks Daily News-Miner Progress Edition. Each year the News-Miner publishes this special edition devoted to the progress of Alaska and the Interior. This year's theme is "Alaska Challenges the 70's."

The sentiments of many Alaskans are reflected in the edition's editorial on page 6 of the main news section--a feeling that the state is hamstrung by federal restrictions.

In Section F, Alaska's leaders--Congressmen and state officials-look forward. On page F-6, there's an article that will interest you about the Alaska Native land claims. On F-10, there's a story about the trans-Alaska pipeline and photographs of the proposed route and the MacKenzie River Valley (possible alternate in Canada). There's also a story dealing with travel in my state and its effects on politics on page F-12.

Section A deals with the pipeline and Alaska's resources. It also points out the need for wise development.

Section B explores the Alaskan wildlife abundance and need for wise management.

Section C takes a look at the military establishment in Alaska. Its articles spotlight the Air Force, Army, Navy, Coast Guard and National Guard units.

Section D looks at the Great Land's schools. On page D-18, there's a story that explains what it's like to go to school at Barrow, the remote, northernmost village in the country. On D-20, you'll see what it is like to travel 900 miles to school. Section E, a vacation-oriented portion, includes articles about Alaska's unique Marine Highway system and the Alaska Railroad.

All in all, this year's Progress Edition is a fine statement of Alaska's feelings with regard to its future. Publisher C. W. (Bill) Snedden and his staff have produced more than just another special edition. They've produced a statement of Alaskan sentiment and determination.

With best wishes,

Cordially,

TED STEVENS United States Senator

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June 3, 1971

Miss Margy Brown Legislative Assistant Committee on Agriculture and Forestry United States Senate Washington, D.C. 21510

Dear Miss Brown:

Mr. Whitehead has asked me to look into the subject of television for the deaf in response to your letter of May 26th.

As you may know, the Japan Broadcasting Corporation has regular programs for the deaf, and I have enclosed a <u>TV</u> <u>Guide</u> article mentioning this. It might be useful for you to get in touch with them to discuss the technical and economic set-up which makes this possible.

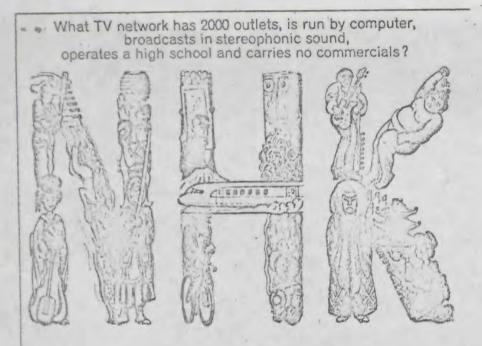
The FCC is aware of the need for some kind of service to the deaf in this area and is just beginning to get involved. To date their efforts include urging stations to have written material for the deaf during emergency and news broadcasts, and they are studying other possibilities that might be of help to the deaf. I have asked them to send us more information on the work they are doing and I will pass this on to you.

Apparently, information about the devices and hardware necessary to make captioning available to the deaf is at a premium. Miss Louise Florencourt of the Office of Legislation at the FCC recommends that you call Professor Robert W. Mann (5 Pelham Road, Lexington, Mass.). He has been working with a number of groups active in this field Our Office is aware of the need for attention to this problem, and while we are not at this time working directly on the matter, we certainly appreciate your bringing Senator Dole's concern to our attention. If we can be of any further assistance, please don't hesitate to call me, (395-5174).

Sincerely,

Linda K. Smith Special Assistant to the Director

cc: Mr. Whitehead Mr. Lamb



By David Lachenbruch

The world's largest television network? NBC? CBS? BBC? Wrong—it's NHK. If you've never heard of it, here's a hint: the initials stand for Nippon Hoso Kyokai.

That's Japan Broadcasting Corporation to you—your network for just about everything from hard rock to rock-gardening, kabuki to quiz shows, seap opera to samurai (often combined), softball to sumo wrestling plus what may be the largest dose of news and public alfairs administered by any TV network. But no commercials.

Among NHK's distinctions, it's the world's only TV network which broadcasts in stereophonic sound—or in two languages at the same time, which will be explained later in this article—br in no sound at all (on its regular pro-

grams for the deaf). It's the only network which regularly broadcasts (intentionally) programs for the mentally retarded. In addition, it operates a fully accredited television high school with 70,000 students.

It's also the world's only network where the majority of routine and technical jobs—from allocation of studios and cameras to actual day-to-day broadcasting operations—are performed by computer.

And it's certainly the only network which sends mailmen out every two months to round up its viewers and put the bite on them.

In a nation with one-twenty-fifth the area and about half the population of the United States, NHK owns and operates 2000 TV outlets. In the U.S., no network nor any other entity is permitted to own more than seven TV stations, but each of the American networks has around 200 affiliated stations which depend on it for a majority of their programming. Actually, it's somewhat m.sieading to compare NHK's 2000 outlets with America's fewer than 900 originating stations, since many of NHK's 2000 are low-powered repeaters operating unaltended. NHK owns only about 140 stations which originate their own programs.

NHK, of course, is the official—actually, sort of semi-official—broadcasting voice of Japan. It exists side-byside with more than 800 privately owned and commercial—very commercial—outlets (with 80 originating stations) served by their own networks, operating along the lines of American commercial TV.

NHK usually wins hands down in ratings, often taking all of the top seven or eight positions. NHK programs reach more than 96 per cent of the population, as opposed to around 85 per cent for all of the commercial stations cembined.

NHK actually is two networks, because in each area it runs two channels with separate programming. Both the "General" and the "Educational" networks operate from 6 A.M. until midnight. The General Network, a combination of old and new, reflects the dual character of modern Japan. Some 21 per cent of its programming is classed as "entertainment," 38 per cent as "cultural," but it's often hard to tell the difference. Under the entertainment category come such traditional Japanese forms as kabuki dramas, noh comedies, Bunraku puppets and what NHK calls "rustic lolk music and dances." Daytime serials are particularly popular, one morning soap opera receiving a rating of 50-meaning half of the nation's TV sets were tuned to it-a virtual impossibility for a daytime show (or almost any show) in the United States. One of the most popu-

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lar evening shows is Stage 101, a youth-and-rock-oriented variety hour.

News and public affairs, including sports, occupy about one-third of the General Network's program time, including a news hour from 7 to 8 P.M., followed by a news recap at 9 30. NHK maintains a news staff of 2000 fulltimers, with bureaus in 24 countries, including Communist China. Each overseas staffer is trained to be a oneman crew—reporter, announcer, producer and cameraman. NHK places very little reliance on news footage it doesn't shoot itself.

One of the joys of NHK's news coverage is its willingness to put events on the air live, as they are happening. Japan is one of the low countries where the legislature is televised live. NHK keeps a camera in the Diet (Parliament) where it not only covers important debates, but occasionally focuses on legislators sleeping soundly, through the business of lawmaking, Three years ago, it treated its viewers to the speciacle of their chosen representatives engaged in a free-forall fist fight. Although NHK is a creature of government, its administration feels safe in showing the indiscretions of both government and opposition parties on a roughly equal-time basis. During the student riots two years ago, NHK was right in there with full coverage, carefully giving all sides of the question, "As long as everybody criticizes us equally, we're all right," says an official, 2.8.

NHK rarely buys programs, producing some 90 per cent of its own fare. Unlike Japan's commercial networks, it uses few American-made shows. "If a program is produced in the United States, it's for Americans," goes the reasoning. "If we want an American program, we send our own team over " A noticeable exception was The Daris Day Show, broadcast during Expo 70 with simultaneous Japanese and English sound tracks, presumably to ->

כמענושואלם

(NI DUINDIEW SMOOT visitors to Japan don't sit in their hotel -Villeligeon to the sint tubbe want (Unfortunately, few Americans even make American visitors feel at home.

'amon in tuning range of every Japanese network to bring a college degree withnoieivaiat blint a si agais grinnaid ant ni "Inemegenem emor" to zeanizud tar, study scientific agriculture, modern watch lessons in violin, plano or gui-Chinese on NHK, take play-as-you-French, German, Russian, Spanish of est newsstand. You can learn English, and buy the required text at his nearni anul of sansiw onw anoyne of alda ma, and has noncredit courses availcourse leading to a high school diploa four-year prime-time home-study classrooms, in addition, it transmits more than 83 per cent of the nation's grams to schools a week, viewed by that it broad asis 33 hours of pro-NHK's. Educational Network is just

often use one to check the other A fectly scrutable to the Japanese who and computer technology, but it's per-NHK reaches out alomentary alacus If may seers inscrutable to us that



" SJEM 'SƏINOW 'suods 'suojipaja 'sandij japijijou's' sporis' -llod , 194169w and noilnan 1'nob oz , nwaite ad liw ages sids name work the be

of the textbook were sold. Educational Network-a million copies computer was a surprise hit of the technical course starring NHK's own

The computer operates two basic Houston Manned Space Flight Center. a monster the size of that used at the puler, which soon will be replaced by works), all tied into an IBM 360 com--19n MA owi bns svewtronte and two AM net-MH ano salango operates one FM Center has 20 television and 23 radio 23-sloty building. The Broadcasting and soon will be augmented by a new house hall of NHK's staff of 16,000, quarters building in downtown Tokyo. This facility, together with a headthe site of the 1964 Tokyo Olympics. huge, modern Broadcasting Center at NHK's computer is the heart of the

tween local and network teeds. local stations, cutting automatically be-ABCS also controls switching at 53 sources. Although located in Tokyo, mergord bas solbule neewled pridoliws recorders and film cameras, and all ment, such as video and sound-tape troi System), operates nearly all equipother, ABCS (Automatic Broadcast Conproduced lelevision or radio show. The -XHN VIAY IN AUANCE TOT EVERY NHKally allocates studios, equipment and -ottemotue , (supinhost zeotuoses pri -tepolla bns tnemegeneM gniluberte2) automation systems. One, called SMART

spologies. system, but not before broadcasting its its circuits, it switches over to a manual human touch, in case of trouble with ployees, the computer hasn't lost the Even khough it replaces 3000 em-

computer had ruptured an integrated -> alderand fent baisageus bne aldis Political analysis said this was impostolal of more than 3,000,000 votes. house would receive an unprecedented cast that one candidate for the upper -9101 II norw , ngisqmso 8301 orl 2ni accuracy record was cast in doubt durpersonality at election time. Its high The same computer becomes a TV

TV GUIDE MAY 1, 1971

Poreign tourists sometimes notice

ing began in 1953, not one case has

-issobsord VT sonis jud-tonsomstem

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the explanation." Under the broadcast-

ist 'i bought it yesterday, we accept

ic have an unregistered set and tells

of the public. "If someone is discovered

WHY'S policy is to trust in the honesty

financial problem, we consider that."

family can't pay the fee because of a

And an NHK official explains, "If a

It a lee, even it they own color sets.

tere are automatically exempted from

o set owners pay up. Families on wel-

they red that more than 99 per cent

lection problems in Japan, where it's

o' a national sport, there are few col-

the telly registration fee is something

VT & RAND ONW WORK OF ROUPING DUCE

ices streets. The mailman is also in a

which knows all of the families in

rier, who belong to the only group

ten poraries. Many of these are mail-

0000 lanoilibbe ne diw 0005 to 162

which NHK augments its collection

pluioutuly house-to-house roundup, for

nicst viewers pay their fees in a big

lessly from their bank accounts, But

erringe to have the fee deducted pain-

pay tor only 11 months. Citizens may

varce receive a special discount; they

These who pay for a full year in ad-

Intomin for a black-and-white set and

avide the word "tax") is 88 cents a

HIS S373,000,000 budget. The fee (NHK

il goes directly to the public to raise

est-tree of government control-since

nod il sqaay isaw si aai griwaiv an

coo,000 set-owning tamilies. NHK feels

prints the receipts which go to 24,-

neck of payment of viewing lees and

The candidate won with 3,200,000

circuit. But SMART had the last laugh.

In its spare time, the computer keeps

Jatan's numberless houses on name-

. Juseop oum pue les

'51.29 for color.

SOLOA

Unlike England, where evasion of

ever gone to court.

". alei o ranoner or later." (OHT) liw enconstant, you Americans will demonstration of stereo-sound televitor has been told at more than one and technology, and this American visitheir own path in both programming Buiwoilot are asaneget and won lug black-and-while and color television. can technical specifications for both -insmA "beigoo" enived tuods evienet television sets, many Japanese feel detus as the world's largest producer of -sis wan sli bre eananimord isaleolon In view of their country's rise to tech-

at different levels of achievement.

with separate sound tracks for students

make it possible to televise courses

sound to its Educational Network to

leub sint bbs of and MHN ,bnuos

cial musical broadcasts in two-channel

ing the "stereo" button to receive spe-

ing bilingual broadcasts, or by push-

("main channel" or "subchannel") dur-

tracks by pushing the proper button

viewer to select one of two sound

are widely available. They permit the

istos printina tol staldaba bruos-laub

programs. Stereo television sets, and

sound to some symphonic and variety

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ant of new asonedel out of abing

scientific development that brings

ball movement. Nevertheless, NHK's

such basic research as studies of eye-

satellite relay systems, but engages in

oped color TV cameras and space-

ganization which not only has devol-

doorway is, of course, a status symbol.

color sets. A color-set sticker on the

different kinds for black-and-white and

the set owner receives an NHK sticker,

collectors. Upon payment of his fee,

not to ward off evil spirits, but NHK's

ment in Japan. These are displayed

-nede bre severy hous isomis to yew

the little symbols pasted on the door-

NHK supports a large technical or-

on the General Network.

This system, which made possible

TV GUIDE MAY 1, 1971

• OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON

June 1, 1971

To: Linda

From: Tom

Find someone who is aware of what's going on in this area --somebody at the Commission who is interested in it.

CONGRESSIONAL

MAIL

Office of Telecommunications Policy Route Slip

To

5/28/71

Clay T. Whitehead George F. Mansur Nino Scalia Will Dean Walt Hinchman Charlie Joyce Jack Thornell Frank Urbany Steve Doyle Bill Lyons Brian Lamb Linda Smith

Eva Daughtrey Timmie White Judy Morton Elaine Christoff

SUSPENSE: COB

REMARKS:

The Japanese TV system provides TV for the deal? UKS HERMAN E .. TALMADGE, GA., CHAIRMAN

ALLEN J. ELLENDER, LA. JAMES O. EASTLAND, MISS. B. EVERETT JORDAN, N.C. GEORGE MC GOVERN, S. DAK. JAMES B. ALLEN, ALA. ROBERT DOLE, KANS. HUBERT H. HUMPHREY, MINN. HENRY BELLMON, OKLA. LAWTON CHILES, FLA. JAMES B. ALLEN, ALA.

JACK MILLER, IOWA GEORGE D. AIKEN, VT. MILTON R. YOUNG, N. DAK. CARL T. CURTIS, NEBR. ROBERT DOLE, KANS.

COTYS M. MOUSER, CHIEF CLERK

United States Senate

COMMITTEE ON AGRICULTURE AND FORESTRY WASHINGTON, D.C. 20510

May 26, 1971

Dr. Thomas Whitehead White House Office on Telecommunications Washington, D. C.

Dear Dr. Whitehead:

Have taken over your sister Nancy's position with Senator Dole.

Understand you might be able to help me regarding this idea of television for the deaf.

The idea originated with Claire Pittman, a friend of Mrs. Dole. Claire is a Public Information Officer for SRS, and has been promoting this idea for a couple years. Thus I will not contact Dr. James Garrett of SRS until more constructive information can be presented.

This television proposal for the deaf is very incomplete, but we are hoping that you can provide information or an analysis so that a feasibility study or specific research demonstration can evolve.

The need for providing television for the deaf is great. On behalf of the Senator, I hope you can help us implement this idea.

Look forward to hearing from you.

Reville, eda comm Sincerely, Fred Caleuraest

Margy Brown 632-7117

Margy Brown Legislative Assistant



TELEVISION FOR THE DEAF

There are some 250,000 people in the United States who are totally deaf, and many times that number whose degree of impairment is sufficiently severe to cut them off from the broadcast media.

A few television stations have on occasion, made an effort to serve this handicapped group by transmitting with the television program on split screen, a simultaneous translation of the audio track in sign language.

• This effort while praiseworthy, can never really provide a continuing solution to the problem. It doesn't make sense for the broadcaster to force this distraction on the overwhelming majority of his audience for the sake of the small minority who cannot hear.

There is a way, however, to solve the problem of television for the deaf without affecting the picture or the sound or even letting the normal viewer know it is going on.

It is possible to transmit during the vertical blanking period (the time interval between the end of one television frame and the start of the next) electronic signals which could activate a device to print out subtitles and key them into the bottom of the picture on receivers which are properly equipped. Unequipped receivers would be unaware that the signals were being sent at all.

Operationally what would be required from the broadcaster would be a script of the show. From this script subtitles would be prepared as they are for foreign language films. No attempt would be made to reproduce the audio track word for word. Verbatim transcription could never keep up with the sound and still fit in the picture. However, considerable skill has been developed in the technique of condensing sound tracks into manageable and meaningful subtitles.

After the subtitles have been prepared they are converted to digital signals on standard keyboard "typewriters" as in a punched tape operation. In this case the output is recorded on magnetic tape. It may be put on the cue track of a video tape or on any tape device which has the capability of running synchronously with a video tape machine or film projector. Many such synchronous tape devices are available. In the case of scripted live programs, the subtitle tape would be advanced manually. In the case of unscripted live shows, of which there are not many, the system could not be used. As far as the labor for the preparation of the subtitles, I am told that volunteers from organizations devoted to the deaf would be available and eager to contribute their service.

To continue with how the system would work, the output of the digitally coded subtitle tape is added to the program video in a processing amplifier in the output line and transmitted in the normal way.

The deaf person's receiver has attached to it, or built in, a decoder which extracts the digital subtitle data and drives an electronic character generator which generates the subtitles and keys them into the picture.

The system described above has never, as far as I know, been developed. Most of the component hardware does, however, exist. Nothing has to be invented. What does have to be done is systems development work to configure the known techniques to this specific application. For the testing phase of the program, receivers could be placed in institutions for the deaf and broadcast facilities provided by one of the public television stations. I am confident that this cooperation could be obtained.

It seems to me that this program is feasible and would be of great benefit to the deaf.

I estimate the cost of the program to be about 60 to 70 thousand dollars and the development time eight months.

> Stanley Gerendasy April 30, 1971

I am just as deaf as I am blind. The problems of deafness are deeper and more complex, if not more important, than those of blindness. Deafness is a much worse misfortune. For it means the loss of the most vital stimulus—the sound of the voice that brings language, sets thoughts astir, and keeps us in the intellectual company of man-HELEN KELLER

Minited States Senate

WASHINGTON, D.C. 20510

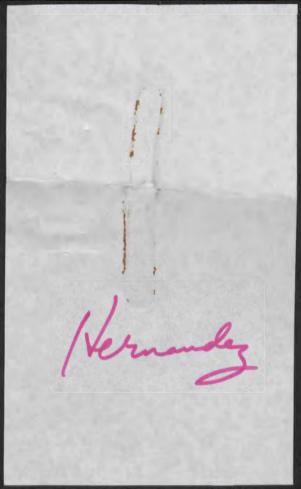
OFFICIAL BUSINESS

Sug



Dr. Thomas Whitehead White House Office on Telecommunications Washington, D. C.





June 17, 1971

The Honorable Joseph M. Montoya United States Senate Washington, D.C. 20510

Dear Senator Montoya,

Thank you for your letter of June 16th indicating that Mr. Charles Hernandez is interested in discussing the possibility of employment with the Office of Telecommunications in the Department of Commerce.

As indicated by the enclosed letter, I have written Assistant Secretary of Commerce, Dr. James H. Wakelin, Jr., requesting that he arrange a personal interview for Mr. Hernandez with his senior staff members and give him the fullest consideration.

I am pleased to be of assistance to you in this matter and hope that these arrangements will be helpful.

Please let me know whenever I can be of service to you in the future.

Sincerely,

Ch WITh Clay T. Whitehead

June 17, 1971

Dr. James H. Wakelin, Jr. Assistant Secretary for Science and Technology Department of Gommerce Room 3852 14th and Constitution Avenue, N.W. Washington, D.C. 20230

Dear Dr. Wakelin:

Recently, my staff interviewed Mr. Charles Hernandes who has applied for a position with our agency. After a careful review of his training and work experience, we concluded that we do not have a staffing requirement appropriate to his particular qualifications.

We believe, however, that he is an excellent prospect for augmenting the staff of the Department of Commerce's Office of Telecommunications. Because of Mr. Hernandez' technical background in communications equipment, we think he could make a valuable contribution in this regard.

I am enclosing a copy of Mr. Hernandez' resume and would be most appreciative if you would arrange for Mr. Hernandez to have a personal interview with senior staff members of the Office of Telecommunications and give him the fullest consideration for any positions that may be open.

Sincerely, Ch PATTA

Glay T. Whitehead

CTW:hch cc: Lamb, Urbany

BRIEF SUMMARY RESUME CHARLES HERNANDEZ 4200 37th St. N.W. Wash. D.C. 20008 Home Tel: 202 966 4132: Work Tel: 202 388 3174

PERSONAL DETAILS: Age, 36; Married, four children; Excellent Health; U.S. Citizen, (Mexican-American-Spanish Speaking); Had Top Secret Clearance; Army Veteran.

WORK EXPERIENCE SUMMARY: (Direct Hire and Contractor Status), Seven years, Wire, Radio and Telephone Systems Communications Engineering, Marketing, and Management Administration in Private Industry, as Engineering Division Head, Member of the Technical Staff, General Systems Engineer, Project Engineer, Communications Engineer and Senior Equipment Engineer. Companies worked for are Automatic Electric Company, ITT Kellogg Company, Alpha Engineering Service Co., Burnup & Sims, and United Design Service. These companies covered manufacturing, operations, contracting, as well as service.

Six years, Voice and Data Communications Systems Engineering and administration in Military and Government Communication Systems, as Project Engineer, Bid and Proposal Engineer, Communications Specialist and General Systems Engineer. Companies worked for are Radio Corporation of America, Fage Communications Engineers and Wells Systems Engineering Center. These companies covered international field engineering and the Defense Communications Agency.

Two years HF Communications in US Army Signal Corps as a Communications Specialist for Psychological Warfare Unit, Army Command and Administrative Network, (ACAN), Military Affiliate Radio, (MARS), and 5th Army Headquarters.

PRESENT EMPLOYER: (13 Months), U.S. Dept. of Agriculture, Rural Electrification Administration, Telephone Operations and Standards Division, Station Equipment and Protection Branch. Duties entail developing Voice and Data equipment practices, standards, criteria, specifications and technical data through studies, laboratory tests and manufacturer liaison. Engineering advice and assistance is given to other agencies, borrowers, suppliers, manufacturers, technical associations, telephone companies, standardization groups, and professional societies. Title is Communications Specialist, GS-393-12.

EDUCATIONAL SUMMARY: Bachelor of Electrical Engineering, Chicago Technical College, 1962; Certificates and diplomas from Mid-Continent Institute of Television, Strowger Telephone School, United States Armed Forces Institute, Army Signal School, and International Telephone and Telegraph Training School. Some additional engineering and business administration credits are from the universities of Illinois and New Mexico State. US DOPT OF ACRICU ITURE (REA) Telephone Operations & Standards Division Station Equipment and Protection Branch

CHARLES HERNANDEZ

B.N. 9749

Communications Specialist GS-393-12

Under general supervision of the Chief, Station Equipment and Protection Branch, incumbent performs the following duties:

 Works with supervisor in the development and improvement of standards and specifications for station equipment, ringing systems and protection devices. This includes working with staff engineers and other communications specialists and telephone technicians to obtain improved performance and to achieve maximum operational compatibility of these facilities with other telephone plant components.

2. Conducts technical studies in connection with specific design and operations problems of station equipment, ringing, and protection equipment. Results of these studies are used by manufacturers in the development of new or modified equipment which will provide improved performance and/or lower costs.

3. Develops procedures for obtaining operational and cost data on new station equipment, ringing, and protection materials and equipment installed on REA borrowers' systems. This information is used to determine annual costs and when design improvements are necessary.

4. Participates in technical conferences with representatives of equipment manufacturers, telephone companies, other Government agencies, and national scientific bodies regarding station equipment and protection materials and equipment.

5. Conducts laboratory and field test programs, including proper instrumentation and procedures, for station equipment, ringing systems and protection equipment and devices.

6. Prepares technical data on station equipment and protection for incorporation into the Telephone Engineering and Construction Manual, technical papers, etc., for use by borrowers and their engineers.

7. Consults with Area Office engineers on specialized communications matters relative to station equipment, ringing systems and protection and, as directed, renders advice and assistance to borrowers, their engineers and contractors regarding these matters.

8. Keeps abreast of current technical developments in the field of communications.

Travels in the field, as required, in the performance of the above duties and performs related assignments.

JUN 1 1971

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House of Representatives Washington, D. C. 20515

Dear Mr. Arends:

As the President advised you in his letter of April 7, he has asked me to reply to the concerns which you expressed about cable television, or CATV. I have delayed a response in anticipation of being able to be more definitive, and thus more helpful, concerning the Administration's proposed action. Since I fear I have already kept you waiting unduly, I must content myself at this time with an attempt to give you some indication of our view of the issues.

I believe you are quite right in your assessment of the main problem raised by CATV--the risk of destroying over-the-air broadcasting without provision of any replacement in rural areas. It is true that under current cable technology, many sparsely settled areas cannot economically be wired; it may also be true that many broadcast stations cannot continue to provide service to sparsely settled areas if they are deprived of their metropolitan audiences. We of course cannot permit this combination of factors to deprive our rural areas of television service.

The simple means of avoiding this result is to prevent the growth of cable. But that medium promises, in the not-too-distant future, services which can be of great public benefit--and, ironically enough, of particular benefit to persons who do not live in cities. I refer not merely to additional viewing channels but also to such services as long-distance shopping by TV, instantaneous home delivery of news by faceimile reproduction, and access to libraries, accounting services, and the like.

The challenge, then, is to prevent the undesirable effects of cable without foreclosing the benefits it may be able to produce. There are a number of theoretically possible means by which cable can be permitted to develop without destroying needed broadcast facilities. Cable owners might, for example, simply be required to broadcast a certain number of their channels through translators and repeaters to areas deprived of independent broadcast service -- the cost for this is not high. Or microwave transmission of all cable signals might be made feasible. The major impediment to this at the present time is the cost of equipping a home to receive microwave; but if this obstacle could be overcome, through subsidy or otherwise, rural viewers would be able to receive many more channels than they now do. There are other alternatives, including the use of domestic broadcast satellites. I do not mean to endorse the desirability of any particular one of them, but merely to point out our awareness that the rural service problem must be solved in any long-term cable policy, and to bring to your attention our efforts to develop various options.

We are also aware that the interests of the broadcast owners themselves must be considered. The Government must deal fairly with them, and cannot perpetuate the present system that permits copyrighted material which they have paid for to be used by cable owners without any compensation. We must furthermore avoid precipitous and whimsical alteration of regulatory policies, which destroys valid expectations, makes investment planning impossible and thereby renders the entire communications field--including CATV--unattractive to new capital.

Your letter to the President also expressed concern about development of a system of television in which programs would only be available on a fee basis. Cable is not synonymous with "pay-TV, " but there is no doubt that it facilitates it, by making controlled access and billing a much simpler matter. I share your view that advertiser-supported TV has brought substantial benefits to the American public. Here again, however, cable provides an opportunity as well as a threat. By facilitating pay-TV and at the same time making more channels available, it may add to our advertiser-supported system the capability of programming for minority tastes too small to attract advertiser support. Majority tastes will continue to exist, and presumably advertisers will still be willing to pay to satisfy them, as they do in the print media. The effect of cable and pay-TV upon advertiser-sponsored programming must be carefully, and perhaps continuously, assessed. If it is decided, however, that advertiser-supported TV requires special protection, there are again many options short of entire elimination of the new service. Without going into this aspect of the problem at any greater length, I assure you that we share your concern and that the Administration cannot leave this factor aside in its policy formulation.

I have only addressed briefly those aspects of the cable problem which you specifically mentioned. As I am sure you are aware, there are many others-federal-state jurisdiction, program origination by cable owners, common ownership of cable and broadcast facilities, and local franchise fees, to

- 2 -

mention only a few. This Office is actively engaged in considering all of these with a view to developing overall policy proposals. I do not anticipate that the expected revisions in the FCC's cable regulations, to which you refer in your letter, will provide the final answer to these problems. The area is so complex, and has, as you rightly point out, such a significant impact upon our society, that I believe Congressional action will ultimately be sought.

As disproportionate as the length of this letter may be to the scope of its subject, I hope it has given you some idea of the Administration's deep concern, and of the direction of our thinking. I appreciated receiving your thoughts, and would be pleased to discuss this matter with you at greater length if you wish.

Sincerely.

VII Whitehead

AScalia:hmy 6-1-71 cc: Mr. Whitehead - 2 V Subj File (Scalia) Chron File Mr. Hinchman Mr. Peter Flanigan (W. H.) Cong. William Springer Cong. Bob Wilson Mr. Clark MacGregor (W. H.)

Tuesday 6/1/71

11:45 Checked with Mr. Scalla's office to see if the letter to Cong. Arends has been typed in final.

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1. F.

Mr. Scalia feels, since we can't find the draft anywhere, that the whole file is somewhere and that the letter has been sent out.

Mr. Scalia plans to ask Brian to call Arends' office and see if they received the letter. DRAFT AScalia:hmy - 5-21-71

Honorable L. C. Arends House of Representatives Washington, D. C. 20515

Dear Congressman Arends:

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- 3 -

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Sincerely yours,

Clay T. Whitehead

Dear Les:

Your letter of March 22 expresses a concern which I share in full, and I want to them! you for your comments about the cable TV issue. It goes without saying that the many new communications technologies, including coaxial cable, must develop only in a manner which takes due regard of long-term social consequences. Because we are aware that this situation is not a simple one, last fall I established the Office of Telecommunications Policy to give the Executive Branch the planning and policy capability ne-assary in the communications field.

Upr 1

I assure you that the Administration will oppose the establishment of regulatory principles which result in impairment of television service to rural areas or which give cable television uniair advantage over broadcasting. I have sent a copy of your letter to Tom Whitehead, the Director of the Office of Telecommunications Policy. I am sure that he will be as interested as I was to have your views and that you will be hearing from him in the near future.

With warm regards,

- Sincerely,

RWA

Honorable L. C. Arends House of Representatives Washington, D. C. 20515



cc: CTWhitehead with copy of incoming

Dear Les:.

Thank you for your letter of March 22, which expresses concerns that I share.

I have been aware for some time of the critical importance of assuring that the many new communications technologies--including coaxial coble--develop only in a mannor which takes due negaril of long-range social consequences. It was because of this awareness that I established last Fall, within my Office, the Office of Telecommunications Policy to give the Executive Branch necessary planning and policy capability in the communications field.

I assure you that this diministration will oppose the establishment of regulatory principles which result in the impairment of television service to rural areas, or which give cable television unfair advantage over broadcasting. I am asking Tom Whitshead, the Director of the Office of Telecommunications Folicy, to reply to your letter in detail. You may expect to hear from him shortly.

Stacerely,

Honorable L. C. Arends House of Representatives Washington, D. C. 20515

OTP -- CTWhitehead AScalla:hmy (x5514) - 3/25/71 cc: Mr. Whitehead - 2 Scalla - Subj / (Jlance, June 2012, Append "Chron WINORITY WHIP

ENDS. M.C.

COMMITTLE ON ARMED SERVICES

WILLIAM R. PITTS ADMINISTRATIVE ASSISTANT

Congress of the Anited States House of Representatives-Mashington, p.C. 20515

March 22, 1971

Honorable Richard M. Nixon President of the United States Washington, D. C.:

Dear Mr. President:

The FCC seems about to commit a serious, irrevocable blunder which will destroy or seriously cripple the public's free local TV service in many places, particularly in our great farm and rural areas which your recent eloquent Message on Rural Community Development emphasized are populated by "first-class citizens who deserve to live in first-class communities".

The problem has to do with cable TV, or "CATV." The FCC is starting down a path of no return on CATV policy which soon will take us to a system of pay-cable TV that will be dominated by a handful of program distributors in New York, Chicago and Los Angeles. That system will be unable to serve farm and rural America where population density is too low to make cable profitable and at the same time will make all or most home TV service available only for a fee, as with the Clay-Frazier fight, in both rural and urban areas.

CATV has been and is valuable and useful when improving reception in remote communities that could not have their own stations, or where rugged terrain or big buildings cause severe reception problems. Now big promoters seek to wire up many or most of the cities. They claim they will give new and exotic TV and other services, but say that to get an "economic base" for new services they need to bring into these cities the signals of TV stations in other cities, as well as carry the signals of the local stations, all of which they pick up off the air without payment. This parasitic approach will weaken and ultimately destroy many local free TV stations, particularly those in the medium sized and smaller markets of the country which are not only closest to, but which are among the most important community resources of, our great farm and rural areas which you are striving to make attractive enough to keep the people there and to lure jobs and opportunity to them.

Page 2 The President March 22, 1971

The most immediate threats are pending FCC proposals which would junk the nationwide plan of TV station assignments painstakenly developed over the past 20-25 years. A prime objective of that nationwide plan has been to give as many of our medium sized and smaller communities as possible their own locally oriented TV stations so that they would not be dependent on service from far distant big cities, which generally have different needs and interests than rural America. These local stations provide the farm and other news and informational programs, along with valuable free sports and other entertainment programs, that the people like and want.

The seriously dangerous FCC proposals threaten free TV service from stations all across the country--Peoria, Champaign-Urbana, and Rockford stations in my state, those in neighboring Paducah and Cape Girardeau, those over in Louisville and Lexington, Kentucky, down in Spartanburg, up in Madison, Wausau and Green Bay, Wisconsin, in Cedar Rapids, Springfield, Missouri, Salt Lake City, Albuquerque, and so on. The list is long because more than 80% of all TV stations are not located in the largest 25 markets. The list even includes San Diego, in the Southern California area you know so well.

While one of the most dramatic examples of what I am concerned about, and one which has a good deal of past history, San Diego is by no means unique. San Diego and Los Angeles are separate TV markets, each with its own stations, and more than 100 miles apart. After protracted hearings, affirmed in court, the FCC ruled that San Diego CATV should not carry Los Angeles stations because of adverse effect on the public's free broadcast TV service in the San Diego area. Now, only a short time later, and despite the sworn record evidence, the FCC seems ready to abandon that approach and let.at least seven Los Angeles stations invade San Diego, which itself has four local stations. What's more, the FCC seems ready to allow CATV to bring into San Diego as many as four more TV stations -from San Francisco, Chicago, New York, or elsewhere. What the FCC proposes for San Diego is also generally proposed for the country as a whole. Only a few details would be different.

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I do not understand how the FCC could decide two or three years ago that this very approach to CATV would seriously injure local San Diego stations so that those stations could not do as good a job of serving the public, if they could survive at all, and now could turn around and say there will be no problem in San Diego or in many, many other places. Expert economic studies submitted to the FCC (even one study by the FCC's own staff) bear out my concern, not only in San Diego, but in scores of markets across the country, particularly such medium sized and smaller ones as I have mentioned above, where present revenues and profit margins are modest. Those studies show there will be serious injury.

I regret, Mr. President, having to add these difficult questions to your other burdens. But I am deeply concerned for the public's free local TV service. I do not believe that this Administration is willing to sit idly by and accept FCC sponsored destruction of local free TV service available to farm families and millions of others who are unable or unwilling to pay for cable substitutes. I do not believe that this Administration -- which I am proud to call my Administration -wants to be held accountable by the American public for having allowed that destruction to occur. And I do not believe that this Administration, which is striving to improve the well being and progress of rural America, which is seeking to provide the resources and creative leadership required to meet rural development needs, and which is dedicated to providing the full share of national prosperity and the full participation in the rich benefits of our society which rural America rightly deserves, wants to see the FCC take steps in the opposite direction which will work to damage the economy offarm, rural and small town America and deprive their people of a full opportunity to enjoy the benefits of American life. I have no doubt whatever that the FCC's proposals, if adopted, will impair rather than help meet our challenge to "enhance the quality of life for those who remain to operate the nation's family farms and for all their neighbors in the small towns and countryside of America." What the FCC should do is stop its headlong dash toward a pay-cable system and turn its energies toward helping your Rural Community Development Program by finding means of expanding free, over-the-air TV service such as by more local stations and translators.

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Sincerely yours,

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LCA:sh

cc: Congressman William Springer Congressman Bob Wilson Chairman Dean Burch

March 25, 1971

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TC: Bob McDermott

12

FROM: Antonin Scalia

Attached is a proposed reply to Congressman Arends' letter. If you have any ' questions concerning it, please call me at once since I will be out of the office tomorrow and Monday.

Attachment

200

June 1, 1971

To: Linda

From: Tom

Find someone who is aware of what's going on in this area -somebody at the Commission who is interested in it.

Office of Telecommunications Policy Route Slip TO 5/28/71 Clay T. Whitehead y George F. Mansur Nino Scalia Will Dean Walt Hinchman Charlie Joyce Jack Thornell Frank Urbany Steve Doyle Bill Lyons Brian Lamb Linda Smith Eva Daughtrey Timmie White Judy Morton Elaine Christoff SUSPENSE: COB The Japanese TV system provides TV for the death. LKS REMARKS: DIVICIPIESSIONAL

HERMAN E. TALMADGE, GA., CHAIRMAN

ALLEN J. ELLENDER, LA. JAMES O. EASTLAND, MISS. JAMES D. LASTLARD, M.C. B. EVERETT JORDAN, N.C. GEORGE MCGOVERN, S. DAK. JAMES B. ALLEN, ALA. MUBERT H. HUMPHREY, MINN. HENRY BELLMON, OKLA. LAWTON CHILES, FLA.

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' JACK MILLER, IOWA GEORGE D. AIKEN, VT. MILTON R. YOUNG, N. DAK. CARL T. CURTIS, NEBR. ROBERT DOLE, KANS.

COTYS M. MOUST CHEEK CLERK

United States Senate

COMMITTEE ON AGRICULTURE AND FORESTRY WASHINGTON, D.C. 20510

May 26, 1971

Dr. Thomas Whitehead White House Office on Telecommunications Washington, D. C.

Dear Dr. Whitehead:

Have taken over your sister Nancy's position with Senator Dole.

Understand you might be able to help me regarding this idea of television for the deaf.

The idea originated with Claire Pittman, a friend of Mrs. Dole. Claire is a Public Information Officer for SRS, and has been promoting this idea for a couple years. Thus I will not contact Dr. James Garrett of SRS until more constructive information can be presented.

This television proposal for the deaf is very incomplete, but we are hoping that you can provide information or an analysis so that a feasibility study or specific research demonstration can evolve.

The need for providing television for the deaf is great. On behalf of the Senator, I hope you can help us implement this idea.

Look forward to hearing from you.

Sincerely,

Muss Margy Brown

Margy Brown Legislative Assistant

TELEVISION FOR THE DEAF

There are some 250,000 people in the United States who are totally deaf, and many times that number whose degree of impairment is sufficiently severe to cut them off from the broadcast media.

A few television stations have on occasion, made an effort to serve this handicapped group by transmitting with the television program on split screen, a simultaneous translation of the audio track in sign language.

• This effort while praiseworthy, can never really provide a continuing solution to the problem. It doesn't make sense for the broadcaster to force this distraction on the overwhelming majority of his audience for the sake of the small minority who cannot hear.

There is a way, however, to solve the problem of television for the deaf without affecting the picture or the sound or even letting the normal viewer know it is going on.

It is possible to transmit during the vertical blanking period (the time interval between the end of one television frame and the start of the next) electronic signals which could activate a device to print out subtitles and key them into the bottom of the picture on receivers which are properly equipped. Unequipped receivers would be unaware that the signals were being sent at all.

Operationally what would be required from the broadcaster would be a script of the show. From this script subtitles would be prepared as they are for foreign language films. No attempt would be made to reproduce the audio track word for word. Verbatim transcription could never keep up with the sound and still fit in the picture. However, considerable skill has been developed in the technique of condensing sound tracks into manageable and meaningful subtitles.

After the subtitles have been prepared they are converted to digital signals on standard keyboard "typewriters" as in a punched tape operation. In this case the output is recorded on magnetic tape. It may be put on the cue track of a video tape or on any tape device which has the capability of running synchronously with a video tape machine or film projector. Many such synchronous tape devices are available. In the case of scripted live programs, the subtitle tape would be advanced manually. In the case of unscripted live shows, of which there are not many, the system could not be used. As far as the labor for the preparation of the subtitles, I am told that volunteers from organizations devoted to the deaf would be available and eager to contribute their service.

To continue with how the system would work, the output of the digitally coded subtitle tape is added to the program video in a processing amplifier in the output line and transmitted in the normal way.

The deaf person's receiver has attached to it, or built in, a decoder which extracts the digital subtitle data and drives an electronic character generator which generates the subtitles and keys them into the picture.

The system described above has never, as far as I know, been developed. Most of the component hardware does, however, exist. Nothing has to be invented. What does have to be done is systems development work to configure the known techniques to this specific application. For the testing phase of the program, receivers could be placed in institutions for the deaf and broadcast facilities provided by one of the public television stations. I am confident that this cooperation could be obtained.

It seems to me that this program is feasible and would be of great benefit to the deaf.

I estimate the cost of the program to be about 60 to 70 thousand dollars and the development time eight months.

> Stanley Gerendasy April 30, 1971

I am just as deaf as I am blind. The problems of deafness are deeper and more complex, if not more important, than those of blindness. Deafness is a much worse misfortune. For it means the loss of the most vital stimulus—the sound of the voice that brings language, sets thoughts astir, and keeps us in the intellectual company of man-HELEN KELLER May 27, 1971

Mr. George Bullock Administrative Assistant to Ted Stevens United States Senate Washington, D. C. 20510

Dear George:

The recent resolution of the Alaska State Legislature (HJR 78) concerning U. S. proposals for the World Administrative Radio Conference for Space Telecommunications seems to me a highly appropriate and enlightened statement. Without question, the development of effective satellite communication services for remote, low-demand users such as those in many parts of Alaska is dependent on the availability of spectrum allocations like those endorsed in this resolution.

As a prospective member of the U. S. delegation to this conference, you may assure Senator Stevens of my support, and that of OTP generally, for these proposals.

Sincerely,

WRHINCHMAN:dc Mr. Whitehead Dr. Mansur Mr. Lamb Hinchman: Subj: Alaska RF

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Walter R. Hinchman Assistant Director

SIGNAR

OFFICE OF TELECOMMUNICATIONS POLICY EXECUTIVE OFFICE OF THE PRESIDENT WASHINGTON, D.C. 20504

DIRECTOR

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February 19, 1973

Honorable John O. Pastore Chairman, Communications Subcommittee Committee on Commerce United States Senate Washington, D. C. 20510

Dear Mr. Chairman:

The Office of Telecommunications Policy has reviewed the structure and regulation of the international communications industry, and I am enclosing a copy of the Administration's policy proposals which have resulted from that review.

Over the past two years, OTP has conducted studies and discussions with U.S. international carriers, interested government departments, and foreign entities. We have found that our international communications industry has consistently been able to provide valuable, reliable, and high quality services. We also have found a complex industry structure, in part the result of Federal legislation and regulatory action, that is strained by new technologies and new services.

We believe that our policy proposals provide a definitive framework within which legislative and other changes can be made in the future as necessary or appropriate to the expected rapid expansion of our international communications industry.

I am looking forward to further discussions with you and your Subcommittee on this important matter.

Sincerely,

Clay T. Whitehead

Enclosure

Office of Telecommunications Policy Route Slip

To

VWRA

5/27/41

Clay T. Whitehead George F. Mansur Nino Scalia Will Dean Walt Hinchman Charlie Joyce Jack Thornell Frank Urbany Steve Doyle Bill Lyons Brian Lamb Linda Smith

Eva Daughtrey Timmie White Judy Morton Elaine Christoff

SUSPENSE: COB REMARKS:

NATIONAL TRANSLATOR ASSOCIATION

OUR AIM - Four Free- Over-the-Air- TV Signals in Every Home

May 24, 1971

Honorable Mike Mansfield Senate Office Building Washington, D. C. 20515

Dear Mike:

FREMENT JUDGE NAT ALLEN Boundup, Mont. 59072 Phone 400-323-1022 Office 323-1701

VICE DESIDENT FUED L. MORRIN 647 So. Third St. Cattogs Graves, One. 07424 Phone 503-042(2100

ELEVELTARY - 1402 ASCHER ELEVEL | WINTE Box 188 Larana, Was 82074 Phone 307 = 42 01201

HANDO TO TO FAMILIE Box 142 Boxory From Eds. 8 (805

A) LEWIS 215 Walnut Street Socillos, 1 alifornia 92464

AL SMITH Box 28.3 Leadville, University 80461

ADMIN. MEY, THEAS. LANSON, MUTHING II RAY 21205 Sull bally Cata J tab 87121 807-277-2173

Mail Direx to thes 21203 with Loose 1 day, Utah 84121 Because actions and decisions in the communications field have largely accommodated the requirement of meeting immediate conditions without clear assessment of the long-term effect generally, except in instances of allocation, I think they have to make up their long range mind.

Broadcast communications have had a major impact in this country for over half a century. The shapes it assumes and the methods it employs in the years ahead will vitally affect the quality of life in America.

Consequently, definition of policy as well as delineation of form is at least as essential for communications as for environmental protection, transportation, foreign policy, or welfare. If there is to be a change in form, broad policy consideration is requisite. It is vital that any restructuring of the long established system first be determined to be superior, since once impaired, the present service cannot be reconstituted to provide the existing levels of service free to the public.

Before policies are crystallized THE PUBLIC SHOULD KNOW WHETHER THE PRIMARY RADIO AND TELEVISION SERVICE IS TO BE BROADCAST FREE OVER THE AIR, OR DISTRIBUTED VIA NON-BROADCAST SYSTEMS.

The Commission is now considering proposed rules encompassing the future of CATV, its impact on the TV broadcast service, federal-state relationships in regulation and system ownership, and appropriate solutions to the copyright question.

In March I attended their panel discussions which took up all of these subjects, but it got a little or no publicity either over television or in the papers, which keeps the public in the dark; and I am afraid, its representatives in the dark.

Dedicated to the improvement of over the air broadcast service to all United States residents through the maximum utilization of TV and TM Translators. Honorable Mike Mansfield May 24, 1971

Page Two

I think we need public hearings in the Senate on these far-reaching decisions, and I wish you would ask and entreat Senator Pastore to hold such hearings. I have said before, if this is going to be changed, the public has a right to know before it's done.

Very truly yours,

ell

CC: Ed Craney Arch Madsen Lennox Murdoch



NATIONAL TY TRANSLATOR ASSOCIATION

PRESIDENT JUDGE NAT ALLEN ROUNDUP, MONT. 50072

> Doctor Clay T. Whitehead Director of Telecommunications Policy Executive Office Building

Contra Contra

Washington, D. C.

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DRAFT AScaliz:hmy - 5-21-71

Honorable L. C. Arends House of Representatives Washington, D. C. 20515

Dear Congressman Arends:

As the President advised you in his letter of April 7, he has asked me to reply to the concerns which you expressed about cable television, or CATV. I have delayed a response in anticipation of being able to be more definitive, and thus more helpful, concerning the Administration's proposed action. Since I fear I have already kept you waiting unduly, I must content myself at this time with an attempt to give you some indication of our view of the issues.

I believe you are quite right in ,our assessment of the main problem raised by CATV--the risk of destroying over-the-air broadcasting without provision of any replacement in rural areas. It is true that under current technology many sparsely settled areas cannot economically be wired; it is also true that many broadcast stations cannot continue to provide service to sparsely settled areas if they are deprived of their metropolitan audiences. We of course can not permit this combination of factors to deprive our rural areas of television service.

The simple means of avoiding this result is to prevent the growth of cable. But that medium promises, in the not-too-distant future, services which can be of great public benefit--and, ironically enough, of particular benefit to persons who do not live in cities. I refer not merely to additional viewing channels but also to such services as long-distance shopping by TV. instantaneous home delivery of news by facsimile reproduction, and access to libraries, accounting services, and the like.

The challenge, then, is to prevent the undesirable effects of cable without foreclosing the benefits it may be able to produce. There are a number of theoretically possible means by which cable can be permitted to develop w thout destroying needed broadcast facilities. Cable owners might, for example, simply be required to broadcast a certain number of their channels through translators and repeaters to areas deprived of independent broadcast service -- the cost for this is not high. Or microwave transmission of all cable signals might be made feasible. The major impediment to this at the present time is the cost of equipping a home to receive microwave: but it this obstaces could be overcome, through subsidy or otherwise, rural viewers would be able to receive many more channels than they now do. There are other alternatives, including the use of domestic broadcast satellites. I do not mean to endorse the desirability of any particular one of them, but merely to point out our awareness that the rural service problem must be solved in any long-term cable policy, and to bring to your attention our efforts to develop various options.

We are also aware that the interests of the broadcast owners themselves must be considered. The Government must deal fairly with them, and cannot perpetuate the present system that permits copyrighted material which they hade paid for to be used by cable owners without any compensation. We must furthermore avoid precipitious and whimsical alteration of regulatory policies, which doctrows valid expectations, makes

- 2 -

investment planning impossible and thereby renders the entire communications field--including CATV--unattractive to new capital.

Your letter to the President also expressed concern about development of a system of television in which programs would only be available on a fee basis. Cable is not synonymous with "pay-TV," but there is no doubt that it facilities it, by making controlled access and billing a much simpler matter. I share your view that advertiser-supported TV has brought substantial benefits to the American public. Here again, however, cable provides an opportunity as well as a threat. By facilitating pay-TV and at the same time making more channels available, it may add to our advertiser-supported system the capability of programming for minority tastes too small to attract advertise. -upport. Majority tastes will continue to exist, and presumably advertisers will still be willing to pay to satisfy them, as they do in the print media. The effect of cable and pay-TV upon advertiser-sponsored programming must be carefully, and perhaps continuously, assessed. If it is decided, however, that advertiser-supported TV required special protection, there are again many options short of entire elimination of the new service. Without going into this aspect of the problem at any greater length, I assure you that we share your concern and that the Administration cannot leave this factor aside in its policy formulation.

I have only addressed briefly those aspects of the cable problem which you specifically mentioned. As I am sure you are aware, there are many others--federal, state jurisdiction, program organization by cable owners,

- 3 -

common ownership of cable and broadcast facilities, and local franchise fees, to mention only a few. This Onice is actively engaged in considering all of these with a view to developing overall policy proposals. I do not anticipate that the expected revisions in the FCC's cable regulations, to which you refer in your letter, will provide the final answer to these problems. The area is so complex, and has, as you rightly point out, such a significant impact upon our society, that I believe Congressional action will ultimately be sought.

As disproprotionate as the length of this letter may be to the scope of its subject. I hope it has given you some idea of the Administration's deep concern, and of the direction of our thinking. I appreciated receiving your thoughts, and would be pleased to discuss this matter with you at greater length if you wish.

Sincerely yours,

Clay T. Whitehead

Gen 7, 197/

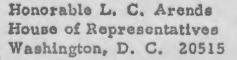
Dear Les:

Your letter of March 22 expresses a concern which I share in full, and I want to theme you for your comments about the cable TV issue. It goes without saying that the many new communications technologies, including coaxial cable, must develop only in a manner which takes due regard of long-term social consequences. Because we are aware that this situation is not a simple one, last fall I established the Office of Telecommunications Policy to give the Executive Branch the planning end policy capability necessary in the communication. field.

I assure you that the Administration will oppose the establishment of regulatory principles which result in impairment of television service to rural areas or which give cable television under advantage over broadcasting. I have sent a copy of your letter to Tom Whitehead, the Director of the Office of Telecommunications Policy. I am sure that he will be as interested as I was to have your views and that you will be hearing from him in the near future.

With warm regards,

Sincerely,





cc: CTWhitehead with copy of incoming

Dear Lest.

Thank you for your letter of March 22, which expresses concerns that I share,

I have been aware for some time of the critical importance of assuring that the many new communications technologies--including charial coble--develop only in a manner which takes due hegers of long-range social consequences. It was because of this awareness that I established last Fall, within my Office, the Office of Telecommunications Policy to give the Executive Branch necessary planning and policy capability in the communications field.

I assure you that this diministration will oppose the establishment of regulatory principles which result in the impairment of television service to rural areas, or which give cable television unfair advantage over broadcasting. I am asking Tom Whitehead, the Director of the Office of Telecommunications Policy, to reply to your letter in detail. You may expect to hear from him shortly.

Sincerely,

Honorable L. C. Arends House of Representatives Washington, D. C. 20515

OTP -- CTWhitehead AScalia:hmy (x5514) - 3/25/71 cc: Mr. Whitehead - 2 Scalia - Subj / (Stime Million Zother paymed "Chron L. C. ARENDS, M.C. 17TH DISTRICT, ILLINOIS

MINORITY WHIP

Congress of the United States House of Representatives Mashington, D.C. 20515

March 22, 1971

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COMMITTEE ON ARMED SERVICES

WILLIAM R. PITTS ADMINISTRATIVE ASSISTANT Page 2 The President March 22, 1971

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Sincerely yours,

Mende

LCA:sh

cc: Congressman William Springer Congressman Bob Wilson Chairman Dean Burch

March 25, 1971

TO: Bob McDermott

FROM: Antonin Scalia

Attached is a proposed reply to Congressman Arends' letter. If you have any questions concerning it, please call me at once since I will be out'of the office tomorrow and Monday.

Attachment

Monday 5/17/71

MEETING 5/26/71 2:00 p.m.

Cong

- 10:08

The meeting with Eurt Borchardt has been rescheduled for 2 p.m. on Wednesday (5/26).

EXECUTIVE OFFICE OF THE PRESIDENT OFFICE OF TELECOMMUNICATIONS POLICY WASHINGTON, D.C. 20504 May 10, 1971

DIRECTOR

Honorable Tom Steed Chairman, Subcommittee on Treasury, Post Office, and General Government Committee on Appropriations House of Representatives Washington, D. C. 20515

Dear Mr. Chairman:

Transmitted herewith are summary sheets and revised pages of the FY 1972 budget submissions for the Office of Telecommunications Policy which reflect the President's proposed budget amendment transmitted to the Congress on April 19, 1971.

This amendment, printed as House Document No. 92-93, contains requests for additional funds to meet FY 1972 costs of civilian pay raises authorized by Public Law 91-656. The Office of Telecommunications Policy is requesting an additional \$82,000 for Salaries and Expenses, bringing the total FY 1972 appropriation request to \$2,702,000.

To facilitate analysis of our FY 1972 budget by the Committee, the enclosed revisions reflect the total appropriations anticipated for FY 1971, including pay supplemental requests contained in House Document No. 92-73, which the Congress is currently considering.

I hope that these materials will be useful to the Committee in its consideration of our request.

Sincerely.

Clay T. Whitehead

Enclosures

See append