

TO: Sherry Courtland, Bob Marx, Susan Miskura, Paul Powell, and  
Paula Schneider

FROM: Betty Blom *BB*  
Program and Policy Development Office

DATE: 03/27/91

*Guam  
Sul*

NOTICE OF LEGISLATIVE ACTION

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S 692 -- Establishment of the Commonwealth of Guam  
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SPONSOR           Johnston (D-LA)  
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INTRODUCED ON    03/19/91  
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DESCRIPTION &  
EFFECT

S. 692 would establish the Commonwealth of Guam. The bill would require that the Guam legislature and OMB use census data and other reliable information sources in reviewing and revising the funding level of the annual Federal payment to the Commonwealth of Guam.

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CURRENT  
STATUS

Referred to the Senate Committee on Energy and Natural Resources 3/19/91.  
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ADMINISTRATION  
POSITION  
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cc: Etchison, Freije, Heelen, Hirschfeld, M. Levin, Miller, Gregg,  
Lacy, Sadosky, Blom, PPDO Files, S. 692



UNITED STATES DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, D.C. 20233

*1000 Guam  
Sul*

April 17, 1991

TRIP REPORT  
AGANA, GUAM  
February 15-March 25, 1991

THOMAS L. ONDRA *2/10*  
Computer Applications Branch  
International Statistical Programs Center

### Trip Purpose and Summary

At the request of the Department of Interior (DOI) and the Bureau of Planning (BOP), Government of Guam, Thomas Ondra traveled to Agana, Guam to present a workshop on the Integrated Microcomputer Processing System (IMPS).

### IMPS Workshop

Nine representatives from six government agencies attended the workshop. Representatives from each of the agencies brought their own applications to develop. See Attachment III for a list of the different applications.

The workshop began by having the participants develop data dictionaries for their respective applications. CENTRY programs were then created to enter data. After the participants entered data, Ondra demonstrated QUICKTAB on some of these applications. Participants then ran their own QUICKTAB applications.

When the Data Dictionary and CENTRY portions of training were completed, the CONCOR segment of training began. Participants wrote simple CONCOR programs to edit their data. One of the participants also used CONCOR to generate forms.

CENTS training was introduced as the final portion of the workshop. Participants were asked to design a table and create a table shell using CENTS PREP and PREVIEW. Once the table shells were created, CENTS TAL was introduced and the participants wrote the TAL programs. The TAL programs were then run against data entered using the CENTRY programs written for the workshop. By the end of the workshop, participants were able to produce their basic applications.

Workshop participants varied widely in their data processing experience, some with only data entry experience to some with fairly extensive data processing experience. The level of development of the applications varied because of the diverse backgrounds of the participants. Ondra strongly recommends additional technical assistance to finalize these applications and develop procedures for their implementation.

Most of the applications were not well defined prior to the workshop. Few of the participants had table or edit specifications. Additional technical assistance is recommended to develop edit and table specifications for these applications.

Upon completion of the workshop, Joseph Ada, Governor of Guam, presented certificates to the participants.

#### Request for Future Workshops and Technical Assistance

Since space for the workshop was limited, not all government agencies were invited. Several agencies contacted Tony Palomo of the Department of Interior (DOI) and requested that another IMPS workshop be conducted in the near future so that additional agencies could attend. For future IMPS workshops, all participants should be familiar with the microcomputer and basic DOS functions such as the creation and use of directories, COPY, and other basic commands. If this is not possible, an introduction to DOS should be taught prior to introducing IMPS.

Because of the inexperience of many of the participants with general data processing concepts and systems design, Ondra recommends further technical assistance to ensure proper completion of their IMPS applications and development of operational procedures for production processing. This assistance should focus on follow-up for applications created during this workshop and systems analysis with the agencies using IMPS. To assist with edit specifications and table design, Ondra also recommends technical assistance by ISPC subject-matter specialists. The specific subject-matter areas should be clearly defined prior to the technical assistance.

#### Attachments

cc: Odessa Mitchell	Department of Interior, Washinton, D.C.
Susan Ham	Bureau of Planning, Agana, Guam
Peter Barcinas	Department of Commerce, Agana, Guam
Tony Palomo	Department of Interior, Agana Guam
Flores Street	Department of Interior, Agana, Guam
Paula Schneider	Chief, Population Division
✓Michael Levin	Population Division
Phillip Fulton	Population Division
Lourdes Flaim	Decennial Planning
Patricia Berman	Decennial Planning
Eugene Cagle	Acting Chief, Public Information Office
Elizabeth Schoenecker	AID/ST/POP

ATTACHMENT I  
PERSONS CONTACTED

Joseph Ada, Governor of Guam

BUREAU OF PLANNING

Susan Ham, Planner IV

DEPARTMENT OF INTERIOR

Tony Palomo, Field Representative

ATTACHMENT II  
IMPS Workshop Participants

BUREAU OF PLANNING

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DEPARTMENT OF COMMERCE

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Cindy Naval, Planner IV  
Terry Guerrero, Statistical Clerk

DEPARTMENT OF LABOR

P.O. Box 9970, Tanuning, Guam 96931

Alan Wang, Administrator Res. & Stat.  
Mary Ann S. Mendiofa, Data Control

DEPARTMENT OF PUBLIC HEALTH AND SOCIAL SERVICES

Box 2816, Agana, Guam 96910

Gil Suguitan, Computer Operator II  
Maggie Murphy, Administrative Assistant

GUAM POLICE DEPARTMENT

287 W. O'Brian, Agana, Guam 96910

Dee B. San Nicolos, Statistical Clerk

UNIVERSITY OF GUAM

UOG Station, Mangilao, Guam 96923

Seymour Payne, Computer Lab Specialist

## ATTACHMENT III Applications

### Bureau of Planning (BOP)

The BOP focused on using data from the Current Labor Force Survey (CLFS) to tabulate immigration data. They are especially interested in the impact of the Compact of Free Association on migration patterns to Guam.

CLFS is a continuing survey done on a quarterly basis. A questionnaire already exists. Tables for this application are not yet designed and edit specifications are not yet written.

BOP is also interested in using data keyed in with SPSS and dBASE and processing it with IMPS.

### Department of Commerce (DOC)

The DOC application is using data from immigration cards collected at the ports of entry to analyze immigration and visitor patterns. Table and edit specifications need to be written.

### Department of Labor (DOL)

The Department of Labor is using data from the CLFS to produce labor statistics. During the workshop, they based their applications on currently existing tables. However, formalized edit and table specifications should be prepared. They also used CONCOR to produce control forms used for the CLFS.

### Department of Public Health and Social Services (DPHSS)

The DPHSS application is producing tabulations for births, marriages, and other vital statistics. Their workshop applications were based on currently existing tables. No formalized edit or table specifications exist for these applications. Specifications need to be prepared.

Guam Police Department (GPD)

GPDs application is using IMPS to enter data from crime reports and arrest reports and using this data to produce various tables and reports. They are also interested in being able to select specific offense and arrest reports and print information from these. A combination of IMPS and a database system may be the best way to complete this application. However, further analysis needs to be done. GPD currently utilizes an IBM S/36 for its main data processing needs, together with some IBM PC's.

University of Guam (UOG)

The University of Guam's application is primarily a student registration system. UOG would like to link student grades, course selection, etc., and to produce various tables. Most of this type of application would be best handled using a relational data base. The application is not well defined and systems analysis needs to be done.

# Software makes gathering stats easier Government agencies will be given 5-week course on new program

By LIZ AVANAR  
Daily News Staff

Statistical information about Guam's current labor market will be in easy reach after government representatives complete a five-week technical training course, according to U.S. Interior representatives.

Government agencies are advancing their computer capabilities through software provided by the International Statistical Programs Center and the U.S. Census Bureau, according to Tom Ondra, international technical advisor from Washington, D.C.

Representatives from the Department of Labor, Department of Commerce, Bureau of Planning, Guam Police Department, Department of Public Health and Social Services, and the University of Guam are being trained using computer software to obtain the specific and detailed tabulations they want, Ondra said.

The International Statistical Programs Center developed the IBM PC compatible software for processing census and surveys for various nations, Ondra said.

In turn, the center designed the integrated microcomputer processing system software to

be used for data entry, data editing, review and correction, and cross tabulations, the ability to produce statistical tables.

The same technical assistance being given to those on Guam was also provided to nations in West Africa, the Philippines and other island nations in Micronesia, he said.

Members of the training group said their departments are designing programs to gather, for example, intensive labor statistics and the number of births, marriages, divorces and deaths on Guam. Other uses for the program are to track migration in and out of Guam as well as unemployment rates.

The data can be compiled within two days to two months, depending on the complexity of the information, he said.

The technical assistance was offered by the U.S. Department of the Interior, said Tony Palomo, Interior representative. The \$27,000 pilot project is being funded by the Interior and is one of many projects being funded through the federal agency.

Ondra said the group would complete their training by next week.



Manuel / Daily News Staff  
Tom Ondra, international technical advisor from Washington D.C., is on Guam to help provide computer training for government workers.

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# Thank You

to our neighborhood friends who are honoring the spouses of Operation Dessert Storm, this Sunday, at the St. Patrick's Day Hospitality Merienda, 3 p.m. - 6 p.m. in the Plaza de Espana Park, Agaña,

**THIS IS A FIRST IN A SERIES OF SALUTES!**



Mike Levin  
FYI

SETBISION MAMPLANEHA

GOVERNMENT OF GUAM  
AGANA, GUAM 96910

*Spain*  
*General*

SEP 11 1991

From: Susan Ham  
Bureau of Planning  
Government of Guam  
FAX (671) 477-1812

CC: P. Berman  
P. Fulton  
L. Nony  
B. Starke

To: Marie Argana  
Data User Services Division  
Bureau of the Census  
Fax: (301) 763-4597

Dear Ms. Argana:

I understand that proposed Congressional budget cuts will greatly impact on 1990 census products that have not yet been released. As you know, because we are not included in total U.S. counts, no data products have been released for Guam or for any of the other Pacific Outlying Areas. As you know, our first and only printed report is scheduled for distribution by early CY 1992, with the computer files to be available later in the year.

1970 census results were contained within one thin volume of frequencies; 1980 tabulations were better (four thin volumes, plus two STFs), but still lacked such basics as population by race. We have been unable to use Census data to determine the total minority population on Guam since 1960. 1990 census products were developed to represent the most comprehensive set of census data ever compiled for Guam: including a 254 page set of tabulations, STF 1, STF 3, and a PUMS file (for the first time). No evaluations, supplementary or subject reports, or post enumeration survey were planned for Guam.

I realize that tough choices need to be made in determining what products may have to be eliminated because of budgetary considerations. However, Guam cannot afford to lose ANY of the few products we have been pursuing over the course of a decade. ALL of our data products are irreplaceable and will be needed for local planning purposes and for research.

Please keep in mind the needs of the Pacific Outlying Areas when considering the value of various data products to be released during FY 1992 that may be affected by budget cuts. It would be greatly appreciated by those of us in the Pacific who are still waiting for the release of our data.

*Susan Ham*  
SUSAN HAM



JUL 2 1991



UNITED STATES DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, D.C. 20233

ADMINISTRATIVELY RESTRICTED

*Guam*  
*gml*

STSD 1990 DECENNIAL CENSUS MEMORANDUM SERIES, #KK-17

MEMORANDUM FOR Thomas C. Walsh  
Chief, International Statistical Programs Center

From: *JH* John H. Thompson  
Chief, Statistical Support Division

Subject: Summary of Results of Distortion Analysis for  
Guam

This memorandum is administratively restricted. Only the persons on the distribution list are to have access to this memorandum.

"Document deemed to be confidential under Title 13 U.S.C. and shall not be distributed under penalty of law."

The disclosure avoidance procedure that is being implemented for the 1990 Census of the Pacific Islands is similar to the blanking and imputation procedure used for sample data in the stateside census. There are some concerns relating to the distortion caused by using this procedure in the Pacific Islands as it is being used in the stateside census. Of particular concern are the definitions of "small" areas and the percentage of data items to be blanked. The purpose of this memorandum is to provide the definitions of small areas and the blanking percentage for Guam.

These definitions are as follows:

100 Percent Equivalent Data

- Small Block = 1 or 2 occupied housing units
- Housing Data Blanking Percentage = 25%
- Housing Data Take Every = 4
- Person Data Blanking Percentage = 33.3%
- Person Data Take Every = 3

Sample Equivalent Data (Housing and Person Items)

- Small Block Group = 10 or fewer Occupied HUs
- Blanking Percentage = 25%
- Take Every = 4

There are only eight 100 percent equivalent data items eligible for blanking for the Pacific Islands. Five of these data items are housing items while the remaining three are person items.

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<sup>1</sup>Distortion analyses for the remaining three Pacific Island areas have been completed and documented in the April 9, 1991, memorandum from John Thompson to Thomas Walsh, subject: "Summary of Results of Distortion Analysis for the Commonwealth of the Northern Mariana Islands, Palau, and American Samoa."

The definitions stated above ensure that one housing item and one person item are blanked for every form in the disclosure avoidance sample.

The attachment to this memorandum provides some summary information from our distortion analysis. A more detailed memorandum documenting the analysis will be issued in the future. Any questions regarding this analysis should be directed to Alfredo Navarro or Larry Bates of my staff on 763-4196.

cc:	P. Fulton	(POP)	L. Norry	(HHES)
	J. Ingold	"	B. Downs	"
	M. Levin	"	H. Woltman <i>AW</i>	"
	P. Anderson	(ISPC)	R. Griffin <i>R.A.</i>	(STSD)
	M. Stroot	"	A. Navarro	" <i>[Signature]</i>
	D. Stoudt	(DOD)	L. Bates	" <i>[Signature]</i>
	P. Berman	(DPLD)		
	C. Landman	"		