INTERDEPARTMENTAL

MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MASS. 02139

from the office of

To: Interested Project MAC Faculty

From: J. H. Saltzer

Date: July 18, 1974

Subject: June, 1974, ARPA IPTO Budget

On July 2, 1974, Richard Feiertag attended an ARPA graduate student conference at which the budget of the ARPA Information Processing Techniques Office (IPTO) was described. Following are my notes on Feiertag's description of the presentation:

1. The Information Processing Techniques Office has a budget for Fiscal year 1975 of about $35M to $40M. As of June, 1974, it plans to divide this budget among three major programs as follows:

    Information Processing Techniques   (~$14M)

    Distributed Information Systems   (~$15M)

    Advanced Command, Control, and Communication
        Technology   (~$9M)

2. The ARPA IPTO money flows from two department of defense budget items known as "6.1" and "6.2". These two items are part of a $7.9B allocation for the entire defense department organized as follows:

    6.1   Research

    6.2   Development

    6.3   Test

    6.4   Evaluation

    Apparently most of the $7.9B is concentrated in items 6.3 and 6.4.

3. The IPTO major programs have subdivisions, as follows:

    A.   Information Processing Techniques

         Picture Processing $3M (Utah)
         Intelligent Systems (A.I.) $4.5M
         Speech Understanding $3.5M
         Automatic Programming $3.0M

B. Distributed Information Systems

    Speech Compression $2.5M

    Secure Systems $2M

    Software Production $1M (National Software Works)

    Parallel Processing $0.5M (Illiac IV)

    Network ($6M) (Funding going down)

    Climate Dynamics $3M

    ~~Management System Dynamics $3M~~ (Scratched by Congress)

C. Advanced Command, Control, and Communication Technology

    Packet ground radio $4M

    Packet satelite radio $2M

    Integrated C^3 Systems $3M

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