

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

4000-287:AB:cbw

TO : ~~SECRET~~ ~~SECRET~~ [redacted] A and B

DATE: 28 December 1970

FROM : Code 4000

SUBJECT: Advance Notice of Laboratory Reorganization

1. During the course of the last several years the Laboratory has undergone a number of internal organizational changes. These have resulted in the creation of new divisions and branches and, on occasion, in the abolition of existing organizational relations. Clearly the Laboratory's organization is now and will continue to be dynamic in the sense that our organizational relationships must be adjusted from time to time to allow us to cope with our increased responsibilities more efficiently and to give proper emphasis in appropriate areas of research and development. After an extensive review of the Laboratory's organization and upon consultation with senior authorities in the Navy's R&D community, the Directorate of the Laboratory has determined that an extensive reorganization of many components of the Laboratory is appropriate at this time. The objective of the reorganization described herein is to coordinate activities with common sponsorship and community of interest. In addition, it will allow the consolidation of management in areas that previously tended to be somewhat Balkanized.

2. This reorganization will be sufficiently extensive as to affect all major organization groupings within the Laboratory. Fundamentally, the major effect of the reorganization will be to disestablish two existing divisions, Codes 5100 and 5600. Two new divisions will be formed in lieu of the disestablished divisions. One will be designated as Code 5700 and will be named the Tactical Electronic Warfare Division. The other new division will be designated as Code 7900 and will be called the Space Systems Division. The mission of the new Code 5700 will be to consider systems and techniques appropriate to modern tactical electronic warfare as it is encountered in the Navy in air, surface and subsurface engagements. The Space Systems Division will become part of a new Space Science and Technology Area, which will replace our present Code 7000. The Space Systems Division will incorporate most, but not all, of the Laboratory's major system activities which are space related. To achieve the new groupings outlined above, the transfers shown on Figures 1 and 2 will be instituted.

5100A

02 [redacted]

920 [redacted]

OKA

[redacted]

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3. In the 5000 Area, Codes 5605, 5640, 5650, 5260, and 8110 will be transferred to Code 5700 without change in branch names. Codes 5620 and 5630 will be transferred to Code 5400. Code 7030 will be transferred to the 5000 Area and be redesignated as Code 5030. The Electronics Area will thus contain four divisions - Code 5200, which, as an Electronics Division, will have a fundamental orientation toward components; Code 5300, which will continue to represent and pursue the Laboratory's principal activities in the area of radar; Code 5400, which, as a Communications Sciences Division, will continue to be responsible for communication-related activities within the Laboratory; and Code 5700, which will have responsibility for electronic warfare, countermeasures, penetration aids and other electronic support measures as appropriate.


4. The Materials Area, Code 6000, will be renamed the Materials and General Sciences Area. Its current complement of four divisions will be augmented by the transfer of the Nuclear Physics Division to the 6000 Area. This division will be redesignated as Code 6600, and all the branches within this division will be redesignated accordingly. Codes 5110 (Acting), 5112, and 5114 will be transferred to Code 6500 as the HEL Facility Group, Code 6507. Code 5116A will be transferred to Code 6330. Codes 7010 and 6010 will be consolidated into a single staff and will be designated as 6070. This staff will then constitute the new Health Physics and Environmental Monitoring Staff.

5. The 7000 Area will be redesignated as the Space Science and Technology Area. It will be constituted from existing Codes 7020, 7100, 7700, 7800, and the new Code 7900. Code 5180 and 5117 will be transferred to Code 7700. Code 5117 will be raised to branch status. It will be named the Flame Plasma Branch and be designated Code 7710. Code 5180 will be redesignated as Code 7780 and renamed the Hypervelocity Techniques Branch.

6. The new Space Systems Division will have as its main components five branches. These will consist of the present Codes 5170, 5160, 5130, 5614, and 5610. Code 5610 will be redesignated as Code 7910 and retain the name Space Technology Branch. Code 5614 will be raised to branch status and will be designated as Code 7920. It will be named the Space Applications Branch. Code 5130 will be redesignated as Code 7930 and renamed the Data Systems Branch. Code 5160 will be redesignated as Code 7960 and ^{Easton} will be renamed the Satellite Navigation Branch. Code 5170 will be redesignated as Code 7970, with its name unchanged.

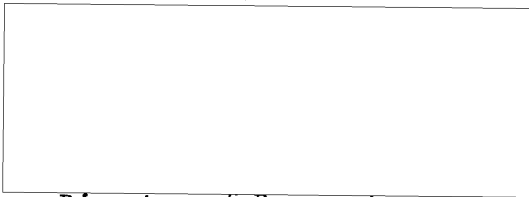
7. In the 8000 Area, changes will be limited to Codes 8100 and 8400. As indicated in paragraph 3 above, Code 8110 will be transferred to Code 5700 and will be redesignated as Code 5710. Its name will remain unchanged. In the Ocean Technology Division, a new branch, Code 8450, will be formed and it will be named the Instrumentation Branch. It will result from the transfer of selected personnel from Codes 8410 and 8440. The fundamental objective in establishing this branch is the desire to create a sound.

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research and development program in instrumentation, sensors and data processing as it applies to the total Ocean Engineering problem. Specifically, most of the personnel from Codes 8441, 8411 and 8412 will be transferred to Code 8450. In addition, Code 8444 will be transferred to Code 8410. Complete details of these changes remain to be worked out.

8. The rather extensive changes outlined above, in addition to certain changes involving smaller groupings, will involve rather serious dislocations. Until all of the administrative actions can be completed a number of people will be assigned to fill roles in an acting capacity. In addition, certain supervisors who are in grades GS-16 and above must be designated as being in an acting capacity until Civil Service approval of reassignments is obtained. Enclosure (1) outlines the designation of individuals who will be transferred to acting status. Enclosure (2) delineates all of the changes that are currently intended. Final details relative to the transfer will be promulgated as an NRL Instruction in the near future, as soon as all administrative details are resolved. The target date for effecting this change is 15 February 1971. Preliminary notice of the intended transfer is published at this time in order to allow the necessary staff work to be carried out as expeditiously as possible. The cooperation of all concerned is earnestly requested.


Director of Research
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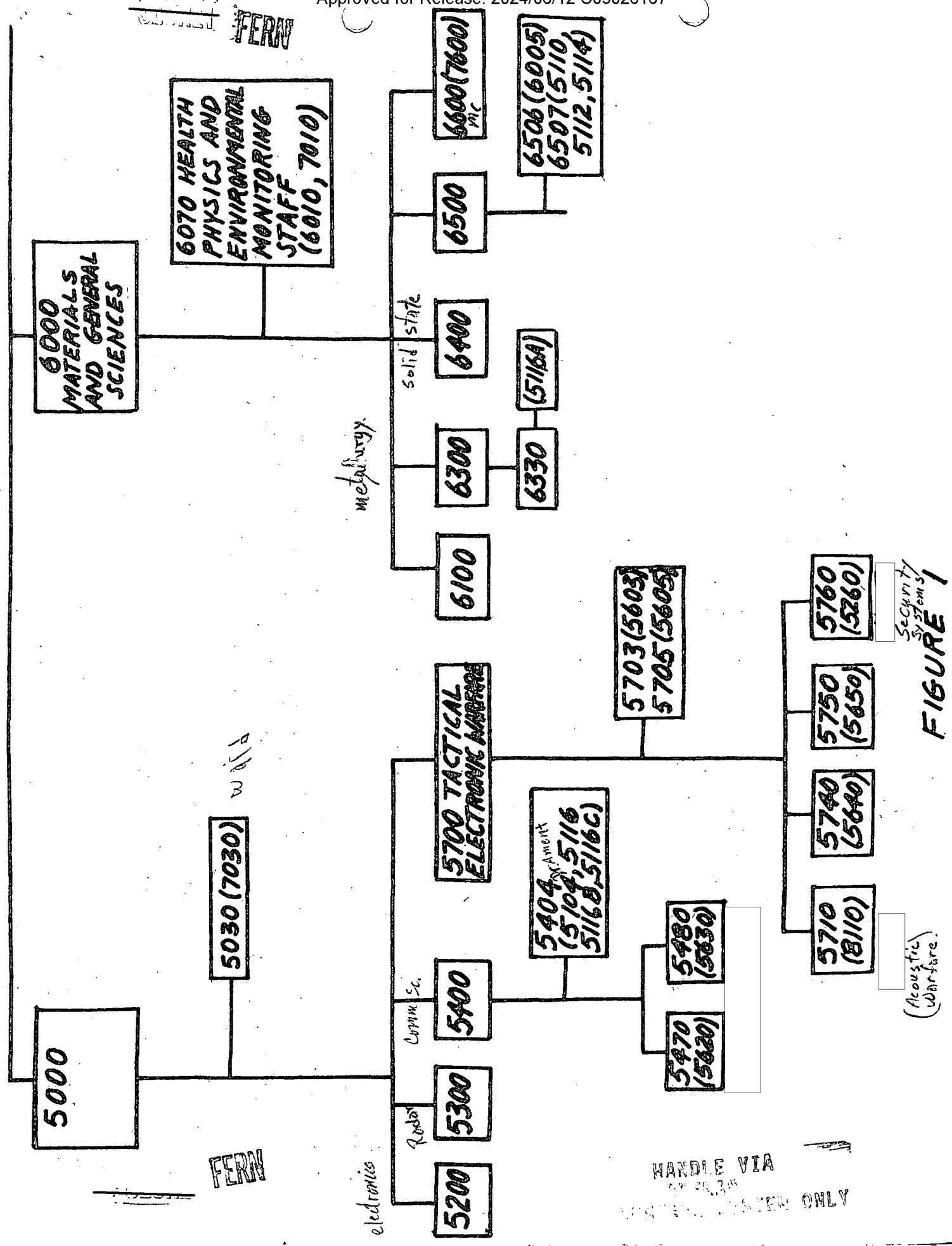


FIGURE 1

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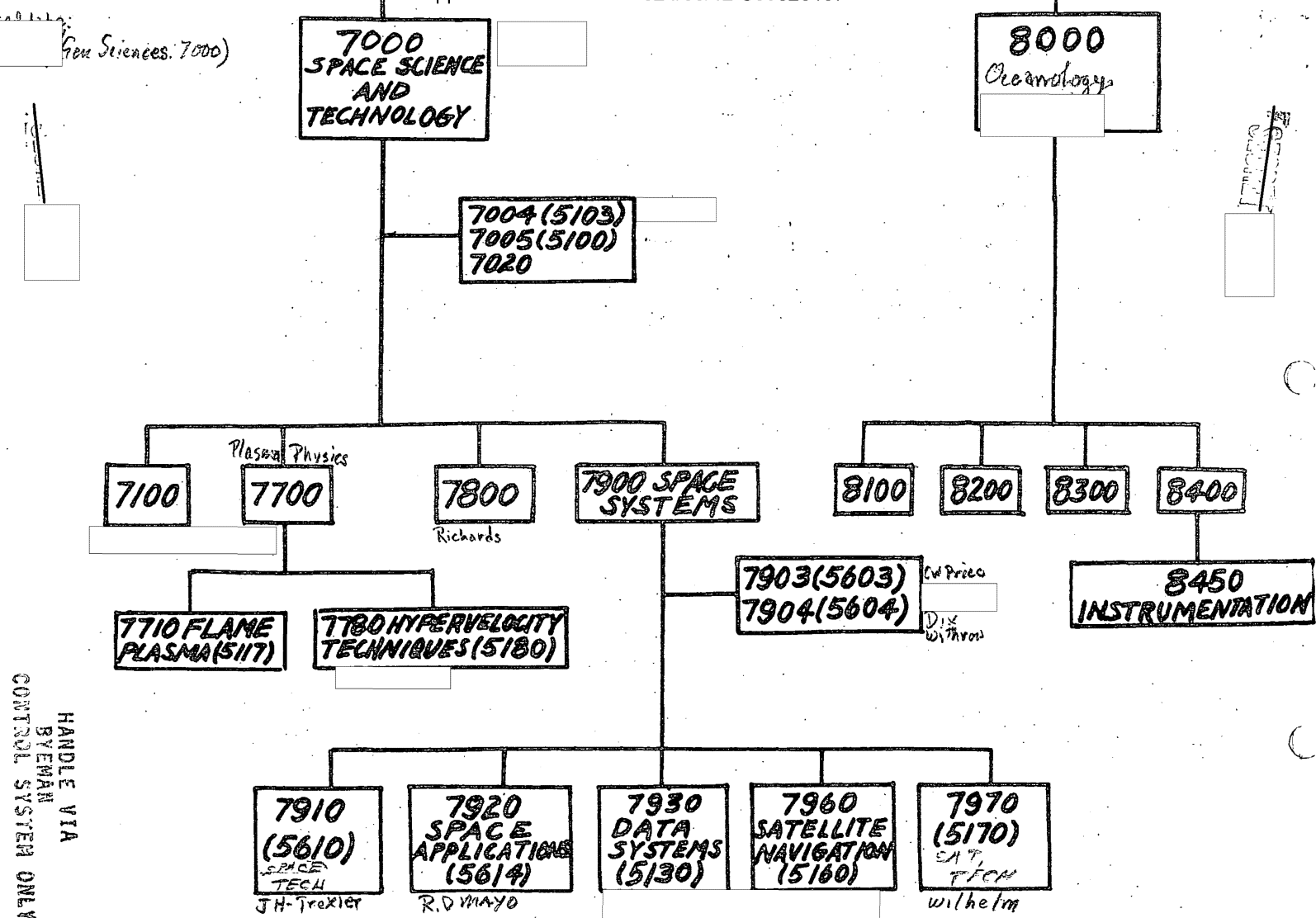





FIGURE 2

~~SECRET~~INDIVIDUALS TO BE TRANSFERRED IN AN ACTING STATUS

<u>TO</u>	<u>FROM</u>
7000 (Acting)	6510 
6510 (Acting)	6512
7910 (Acting)	5610 <i>Trexler</i>
7960 (Acting)	5160 
7900 (Acting)	5600 <i>H. O. Lorenzen</i>
5700 (Acting)	5650 
5750 (Acting)	5651
6070 (Acting)	7010

Enclosure (1) to NRL Memo 4000-287:AB:cbw

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~~SECRET~~DETAIL OF CHANGES

- . The following divisions are disestablished: --

Codes 5100 and 5600

- . The following new divisions are established: --

Codes 7900 and 5700

- . The Nuclear Physics Division Code 7600 is moved to the 6000 Area in toto and becomes Code 6600
- . The disposition of codes disestablished and the composition of newly established codes are shown below:

Code 7900

Code 7900A	Ex	5100A	[redacted]
7902	Ex	5102 and 5102B	[redacted]
7904	Ex	5604 (A,B,C and E)	
7903*	Ex	5603 (A through E)	<i>CW Price</i>
7910	Ex	5610	<i>Trexler</i>
7920	Ex	5614	<i>Mayo</i>
7930	Ex	5130	[redacted]
7960	Ex	5160	
7970	Ex	5170	<i>Peter G. Wilhelm</i>

Code 5700

Code 5700A	Ex	5600A
5700B	Ex	5600B
5702	Ex	5602
5702B	Ex	5602B
5703*	Ex	5603 (A through E)
5705	Ex	5605
5710	Ex	8110
5740	Ex	5640
5750	Ex	5650
5760	Ex	5260
5702A	Ex	5602A

Enclosure (2) to NRL Memo 4000-287:AB

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DETAIL OF CHANGES -- Continued

Code 6600

Code 6600	Ex	7600
6601	Ex	7601
6602	Ex	7602
6603	Ex	7603
6604	Ex	7604
6607	Ex	7607
6608	Ex	7608
6610	Ex	7610
6630	Ex	7630
6640	Ex	7640
6650	Ex	7650
6660	Ex	7660
6670	Ex	7670
6680	Ex	7680

Additions to Code 7700

Code 7710	Ex	5117
7780	Ex	5180

In addition, the current Code 5180 representative at CBD Code 2752 will henceforth represent Code 7780.

Addition to Code 6300

Code 5116A Mr. [] is transferred into Code 6330.

Additions to Code 6500

The position of Code 6005 is consolidated into Code 6506.

Code 6507 The High Energy Laser Facility Group is established and will consist of the present Codes 5110 (Acting), 5110A, 5112 and 5114.

In addition, the current Code 5110 representative at CBD Code 2753 will henceforth represent Code 6507.

Additions to Code 5400

Code 5470**	Ex	Code 5620
Code 5480	Ex	Code 5630
Code 5404	Ex	{ Code 5116
		{ Code 5116B
		{ Code 5116C
		{ Code 5104

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DETAIL OF CHANGES -- Continued

Additions to Area CodesCode 5000

Code 5030 Ex Code 7030

Code 6000Code 6070 Ex { Code 6010
Code 7010Code 7000

Code 7004, Solrad Project Manager, is retained, and
Code 5103 is disestablished.

Code 7005, Consultant to Code 7000, is established Ex Code 5100 (Acting)

FOOTNOTES

- * The disposition of the five individuals comprising the current Code 5603 should be determined by consultation between Code 7900 (Acting) and Code 5700 (Acting).
- ** It may be appropriate to transfer the current Codes 5621 and 5625 to Code 5740. This matter should be discussed by Codes 5400 and 5700 (Acting). Their joint recommendation should be forwarded to Code 4000 on or before 19 January 1971.

ADDITIONAL NOTES

- Working Spaces. There will be no immediate changes to current working spaces. Adjustments to reflect these and other recent changes will be made as circumstances permit.
- Functional Statements. Sections, Branches, and Divisions transferred in toto will retain their present functional statements. New functional statements are to be developed for the new Codes: --
Codes 5700, 7900, 7920, 7710, 6070, 8450

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DETAIL OF CHANGE continued

New Titles. The following new titles are established for the 6000 and 7000 Areas and for the newly established codes: --

5700 Tactical Electronic Warfare Division
6000 Materials and General Sciences Area
6070 Health Physics and Environmental Monitoring Staff
7000 Space Science and Technology Area
7710 Flame Plasma Branch
7780 Hypervelocity Techniques Branch
7900 Space Systems Division
7920 Space Applications Branch
7930 Data Systems Branch
7960 Satellite Navigation Branch
8450 Instrumentation Branch

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1. First Item for Action:

[redacted] wants an Item like number VII. to be added to our table of contents, which would include the aspects of Program development.

Show what progress is being made on the studies of Hardware vs. software. in syst analysis.

ware. Show Internal Programm support/ "Stupid vs Hardwired" Processor..... Direction of Future Program: etc.

He also indicated the need for prediction of Cost and Schedule information by preparation of cumulative values for manpower, overtime, Routine and major procurements.... using dashed lines to extend the curves the way that these predictions indicate they will go.

2nd Action Item.... [redacted] want the schedule for 5170 for the five years beyond FY-71 so they can assess the wisdom of using 5170 for prototype or pre-prototype TIMATION birds, SOLRAD HWGH etc.

3- [redacted] wants schedules presented as Bar-graphs with milestone items shown versus a horizontal time scale.

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Control Systems Jointly