

~~TOP SECRET~~  
~~SPECIAL HANDLING~~

23 Sept 1968

SIGINT P-11 FY 1970 Budget Estimate - SAFSP

|                             | <u>FY 69<br/>Current</u> | <u>SAFSP<br/>Submission</u> | <u>DNRO<br/>Budget</u> |
|-----------------------------|--------------------------|-----------------------------|------------------------|
| <u>RDT&amp;E:</u>           |                          |                             |                        |
| Hexagon Interface           | <u>0</u><br>1,100        | \$ 500                      | \$ 500                 |
| <u>Missile Procurement:</u> |                          |                             |                        |
| Spacecraft                  | 5,290                    | 4,500                       | 4,500                  |
| Payload                     | 12,500                   | 10,000                      | 10,000                 |
| Satellite Control Peculiars | 500                      | 500                         | 500                    |
| Solar Array on Corona       | 2,200                    | 1,000                       | 1,000                  |
| MADS                        | 1,750                    | 1,840                       | 1,750                  |
| Command Generation          | 100                      | 125                         | 125                    |
| Aerospace (4 MTS)           | <u>220</u>               | <u>188</u>                  | <u>188</u>             |
| Sub-total                   | 21,560                   | 18,153                      | 18,063                 |
| P-11 Total                  | 22,660                   | 18,653                      | 18,563                 |
| Round-Off                   |                          |                             | <u>37</u>              |
| Total                       |                          |                             | 18,600                 |

Based on 4 rides per year.

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6 Nov 1968

FY 1970 Budget Backup - SIGINT P-11 FY 1971 thru 1974 Cost Estimates

(Thousand Dollars)

|                                          | <u>FY 71</u>  | <u>FY 72</u>  | <u>FY 73</u>  | <u>FY 74</u>  |
|------------------------------------------|---------------|---------------|---------------|---------------|
| <u>Development: (RDT&amp;E)</u>          |               |               |               |               |
| Hexagon Interface                        | \$ 450        |               |               |               |
| Hex Master Tooling                       | 200           |               |               |               |
| Vehicle Changes                          | 800           | 200           |               |               |
| Wide-Band Techniques                     | 600           | 150           |               |               |
| Command System                           |               |               | 500           | 700           |
| Development Total                        | <u>2,050</u>  | <u>350</u>    | <u>500</u>    | <u>700</u>    |
| <u>Investment: (Missile Procurement)</u> |               |               |               |               |
| Spacecraft                               | 3,950         | 5,850         | 4,900         | 4,900         |
| Payload                                  | 11,350        | 9,450         | 13,150        | 11,000        |
| Sat. Control Peculiars                   | <u>500</u>    | <u>500</u>    | <u>500</u>    | <u>500</u>    |
| Investment Total                         | <u>15,800</u> | <u>15,800</u> | <u>18,550</u> | <u>16,400</u> |
| <u>Operating: (Missile Procurement)</u>  |               |               |               |               |
| MADS                                     | 2,600         | 3,200         | 3,200         | 3,200         |
| Command Generation                       | 120           | 120           | 130           | 130           |
| Aerospace                                | <u>235</u>    | <u>235</u>    | <u>235</u>    | <u>235</u>    |
| Operating Total                          | <u>2,955</u>  | <u>3,555</u>  | <u>3,565</u>  | <u>3,565</u>  |
| P-11 Total                               | 20,805        | 19,705        | 22,615        | 20,665        |
| <u>Appropriation Distribution:</u>       |               |               |               |               |
| RDT&E                                    | 2,100         | 400           | 500           | 700           |
| Missile Procurement                      | 18,800        | 19,400        | 22,100        | 20,000        |
| Recurring Unit Cost                      |               |               |               | \$ 4,991      |

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HANDLE VIA

BYEMAN

CONTROL SYSTEM

Possible Future Issues - SIGINT P-11 (Sub-Satellite)Background:

The P-11 program has recently been based on 4 rides per year on other satellites. With the advent of the [ ] system, the P-11's will be reviewed on the basis of perhaps 3 per year as capable of satisfying requirements. Accordingly, the DNRO FY 1970/1971 guidance will call for cost options on the basis of 4 per year, and on 3 per year after the first flight of [ ]

Possible Future Issues:

Whether a quantity other than 4 per year is appropriate. There is increasing pressure from some in the intelligence community to increase use of P-11's for COMINT and telemetry collection, as the ELINT mission is taken over by other systems. It is not at all clear that this can be economically justified.

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