NPIC/TSG/RED/SDB-048-70 15 October 1970

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MEMORANDUM FOR THE RECORD

SUBJECT: Delivery Schedule for Production Units of the Light Table

1. On 5-8 October 1970 a trip was made to in_______ to review progress of the production contract for 1540 Light Tables. During this visit a problem was surfaced with respect to delivery of certain parts for the light tables.

2. On 1 October 1970 was informed by a supplier in Oregon of die castings that they would be unable to meet a 7 October delivery date as originally estimated. Three parts, including the center film support bracket, would not be delivered until 21 October; and two other parts, the film drive housing and film drive housing cover, would not be delivered until 28 October. In the delivery schedule, as revised on 11 September 1970 by the first table was to be shipped on 28 October after preacceptance testing on 26-28 October. Obviously, delivery of the film drive housing and cover on 28 October would negate the delivery schedule for the light tables.

On 8 October 1970 Executive Vice President of 3. visited the supplier in Oregon to investigate the shipping delivery schedule so as to decide on a course of action that would minimize the effects of this latest development. During the evening of 12 October, the undersigned was called by Project Manager responsible for production of the light tables, and advised that a course of action had been decided upon. was resorting to a second source of supply to provide a limited number of parts for perhaps ten light tables until the supplier in Oregon could start delivery. This second source would produce sand castings rather than die castings. The supplier is in the Los Angeles area and supplied castings for the Mod II prototype developed by _____ This approach requires new casting drawings, new machining drawings, modification of the existing Mod II casting patterns, and machining the castings. All of this is expected to delay shipment of the first production 1540 Light Table from 28 October to perhaps 30 or 31 October. Presumably, therefore, preacceptance testing would take place 28-30 October rather than 26-28 October. This estimate of a further slippage of two or three days in delivery of the first table is predicated on the ability of the supplier of the sand castings to meet his predicted delivery date. states that this supplier has demonstrated his ability to meet deadlines in the past.

Declass Review by NGA/DoD



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SUBJECT: Delivery Schedule for Production Units of the Light Table

4. At present, fabrication of printed circuit boards; wiring harnesses; and sub-assemblies, such as frames and stands, is under way. Quantities of supplies are being received daily. The supplier of the die castings in Oregon appears to be the only major problem.

5. The present revised delivery schedule is as follows:

	Oct.		No	ovemb	er				Dece	ember	
Week beginning	25	1	8	15	22	29		6	13	20	27
vnits/week Cumulative total]]	4 5	10 15	20 35	20 55	20 75		20 95	20 115	15 130	15 145
Assuming slippage	of 1 week:	1 1	8 9	16 25	20 45	20 65	• _	20 85	20 105	20 125	20 145
Assuming slippage	of 2 weeks:		1 1	- 9 10	18 28	21 49		24 73	24 97 ⁻	24 121	24 145

Slipping the delivery schedule by two or three days probably does not present any great problem- ______ is planning to start work with two shifts immediately to catch up.

6. However, if the schedule slips by one week, and only the first table is shipped during the week of 1 November, two shifts working a sixday week becomes necessary. Something like eight tables rather than four must be produced the second week, 16 rather than 10 the third week, and 20 units each week must be produced the rest of the year to meet the contractual requirement of 145 tables by 1 January 1971. If the schedule slips by two weeks, and the first unit is shipped during the week of 8 November, substantial increases in the production rate for the tables must be accomplished. Two shifts working a seven-day week, or perhaps even three shifts, may be required.

7. As of this date, the only contractual requirement is that will deliver 145 tables by 1 January 1971. Therefore, schedule slippage of any magnitude is not in default of the contract. However, it is the intent that the revised program schedule of 11 September 1970, outlined in paragraph 5, would become an amendment to the present contract. This

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SUBJECT: Delivery Schedule for Production Units of the 1540 25X1 Light Table

has not yet been formally accomplished although has indicated that such an amendment would be acceptable. It appears that is making every effort to meet their verbal commitment and ship the first table some time during the week of 25 October 1970.

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Distribution: Original - Route and File 1 - SDB/RED/TSG/NPIC

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1540 Chronology

9 May 1970 11 Mar 12 Mar 24 Mar 25 Mar 25 Mar 30 Mar 30 Mar 1 Apr

6 Apr

ca, 22 Apr wk. 13 Apr Table delivered in crates Table assembled at NPIC THE started Y-drive repaired and y-drive repair 3rd y-drive repair Finial y-drive repair Parallelism of mount & viewing surfaces adjusted by EPB Memorandum test report states that the x-drive is imsatisfactory Film drive facture Replaced lamps

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Payment

Contractual delivery date - 23 February 1970 [23 Feb a heliday, therefore 24 Feb] becomes delivery date for table

Table delivered 9 March 1970: 25 Feb to 27 Feb - 3 working days 2 Mar to 6 Mar - 5 9 Mar, delivery - / Delivered 9 working days late 10-11 Mar, assembly - 2 11 working days late 12 Mar, THE started - 1 12 working days late 24,25,27,30 Mar, y-drive - 12 vepair (final repair 30 Mar) 24 working days late Penalties :

9 Mar delivery, 11 Mar assembly, 24 Mar max penalty

Maximum penalty

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