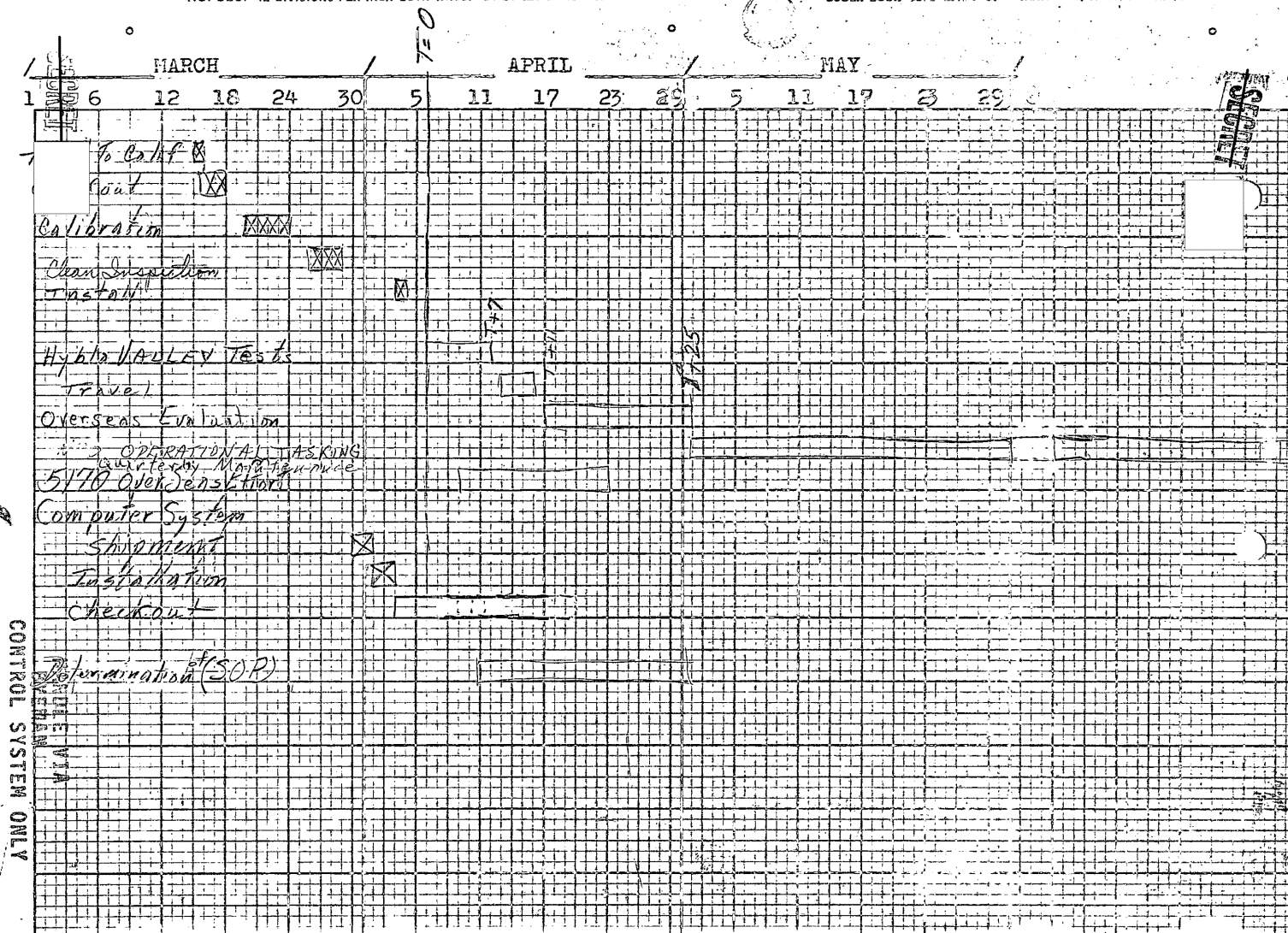


NO. 526. 12 DIVISIONS PER INCH BOTH WAYS. 84 BY 120 DIVISIONS.

CODEX BOOK COMPANY, INC. BOSTON, MASSACHUSETTS



~~TOP SECRET~~

SUPPLEMENTAL DATA SHEET FOR R&D ESTIMATES

MARCH, 1967

1. Overhead rates. Overhead is applied in two parts: (a) General and Administrative Overhead applied to all direct cost time used on the job orders and (b) Indirect Overhead applied only to time of the scientific division's personnel. Rates per man-week to be used in each period are as follows:

	<u>FY 1967</u>	<u>FY 1968</u>	<u>FY 1969</u>
	<u>Total</u>	<u>Total</u>	<u>Total</u>
G&A Rate	<u>153</u>	<u>156</u>	<u>159</u>
Indirect Rate	<u>50</u>	<u>51</u>	<u>52</u>

2. Average Salary Cost. Divisions may use actual salaries of Scientific division personnel or the average salaries shown below. The average salary costs for PW, CBD, etc., are given to aid in estimating of "Other" Salary Costs. The cost center need not be specified on the A-1. All average salaries shown include accrued leave, government contribution to Civil Service Retirement and other fringe benefits.

<u>Division Scientific Personnel</u>		<u>Non-Division Personnel</u>	
<u>Branch</u>	<u>Average Salary Cost</u>	<u>Personnel</u>	<u>Average Salary Cost</u>
<u>5610</u>	<u>295</u>	<u>ESD</u>	<u>189</u>
<u>5620</u>	<u>295</u>	<u>PW</u>	<u>170</u>
<u>5630</u>	<u>295</u>	<u>CBD</u>	
<u>5640</u>	<u>295</u>	<u>RCC</u>	<u>288</u>
		<u>RDF</u>	
		<u>TID</u>	

~~TOP SECRET~~

HANDLE VIA
BYEMAN-TALENT-KEYHOLE
CONTROL SYSTEMS JOINTLY

~~Top Secret~~

Two Sigma margin ...97% probability of full second burn with no mal-
function will allow 400 to 500 n. mi. orbit.

Mission 7105 weighs 815 lbs

[] in 140 days thus giving
each station the ability for doing [] collection on []
[] and then reloading the recorders, re-aiming the receiving
antennas and doing a []

ORDER OF ARRIVAL= []

*Handle Via Byeman
Control System Only*

~~Top Secret~~

150 SERIES CMD TASKING

Initial Orbits

Orbit Number	Station	Rec. Time	EO Crossing	Function
1	Calif.	10 $\frac{1}{2}$	56E	(a) Cmd PL 151 TM On (b) Cmd PL 159 TM On (c) Cmd PL 159 Boom Motor On Boom Run-Out takes 10'33" (d) Cmd PL 159 Boom-Off before horizon if boom full extended or not.
6	Hybla	15	74W	(a) Cmd PL 151 Boom Motor On Boom Run-Out takes 11'09" (b) Cmd PL 151 Boom Motor Off after Full Extension. (c) Cmd PL 154 Memory readout and start in data taking mode.
7	Hybla Calif.	16-3/4 9 $\frac{1}{2}$	101W	(a) Hybla - Cmd PL 152 Boom Motor On Boom Motor Runout takes 13'04" (b) Hybla - Cmd PL 152 Boom Motor Off after Full Extension. (c) Calif - Cmd PL 159 Boom Motor On until Full Extension. (d) Calif - Cmd PL 159 Boom Motor Off. NOTE: Hybla & Calif. must NOT cmd. at same time.
8	Hybla Calif.	12 16-3/4	127W	(a) Calif - Cmd PL 154 Boom Motor 1 On Boom Runout takes 14'12" (b) Hybla - Cmd PL 154 Boom Motor Off after Full Extension is reached. (c) Calif - Cmd PL 152 Boom 2 & 3 out. to be done after PL 154 Boom 1 is started. Boom 2 & 3 Runout takes 25 sec.
	TOTAL	21		
9	Calif.	15	153W	(a) Cmd PL 153 Boom Motor On Boom Runout takes 10'32" (b) Cmd PL 153 Boom Motor Off after Full Extension is reached. (c) Cmd PL 152 UNCAGE CMD.
20	Hybla		79W	PL 151 EL 2 & 8 operational test
21			105W	PL 152 DL 2 & 7 operational test
22 (T+1)			131W	Confirm operation to Germ.

P01-165-200 P02-153-165
P01-33-35

SECRET

HANDLE VIA
BYEMAN

CONTROL SYSTEM ONLY

~~SECRET~~

150 SERIES CMD TASKING

Initial Orbits

Orbit Number	Station	Rec. Time	EC Crossing	Function
25 26 (T+1) (B)	Hybla	Sn1=55/65 Sn2=81/92 TW1=2.58/2.68 SwF=65/85 Tn2=2.93/3.12 Tn1=3.12/3.3	29E 55E	PL 152 DL operational test on All Std. Sen. Systems
31 32 (T+2) 33, 34, 35 36, 37, 38, 39, 40			05W 31W	PL 151-152 Cav. Tape PL-151 PWX
48 49 (T+3)	Hybla	25 30 31	65W 91W 118W	Orbit 47-Practice Flip 154 Orbit 48-Flip 154; Hybla- Orbit 49-Flip 159; Hybla- Orbit 49-Hybla-Cmd 154 Pitch motor on (Second Priority Flips-152,153)
53 54	Hybla		42E 68E	PL 151 DL operational test All Systems
61 62 63 (T+4)	Hybla	27 32 30	71W 97W 123W	Orbit 61-Practice Flip 152 Orbit 62-Flip 152; Hybla- Orbit 63-Flip 153; Hybla- (Second Priority-151)
66 67 68	Hybla		21E 47E 73E	PL 152 DL operational test P All high sen. systems PL 152 SLX check on 1 system
75 76 77 (T+5)	Hybla	28 31 29	76W 102W 128W	Orbit 75-Cmd PL 154 microthruster on Orbit 76 or 77-Cmd PL 154 microthruster Off
80 81 82	Hybla		26E 52E 78E	PL 153 DL operational Test All systems
89 90 91	Hybla	29 33 28	81W 107W 133W	Orbit 89-Practice Flip PL 154 Orbit 90-PL 154 3 axis Flip Orbit 91-Backup for Orbit 90
94 95	Hybla		31E 57E	PL 154 DL operational Test All systems

- 2 -

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BYEMAN
CONTROL SYSTEM ONLY

~~Top Secret~~ [redacted]

.Summary of Western Field Trip.29 March '67.
Payloads are all buttoned up as far as the SIGINT Experiment is
concerned...Eddie Becke is remaining on the Coast as our represent-
ative and will guarantee our intrests as well as any member of
our staff and perhaps better, due to his long experience with the
Mechanical Crew who will install and prepare the payloads.
Eddie did the final prep (Epoxy) on the Antennas and cables for
our stuff and thus raised our confidence to the maximum.
Eddie will go for a couple of days to NEL to study their minature
coaxial cable work in hope of finding inproved types. His absence
will be during the time when the external cleaning and assembly
will be in progress. This effort has no interface with our stuff
[redacted] and none of our things will be touched, they are already
finalized.

Handle Via Byeman
Control System Only

~~Top Secret~~ [redacted]

"29 March 1967"

REV #

20

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= 4

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5 / 59

58

75.0

158

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589

90
91

91

10

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