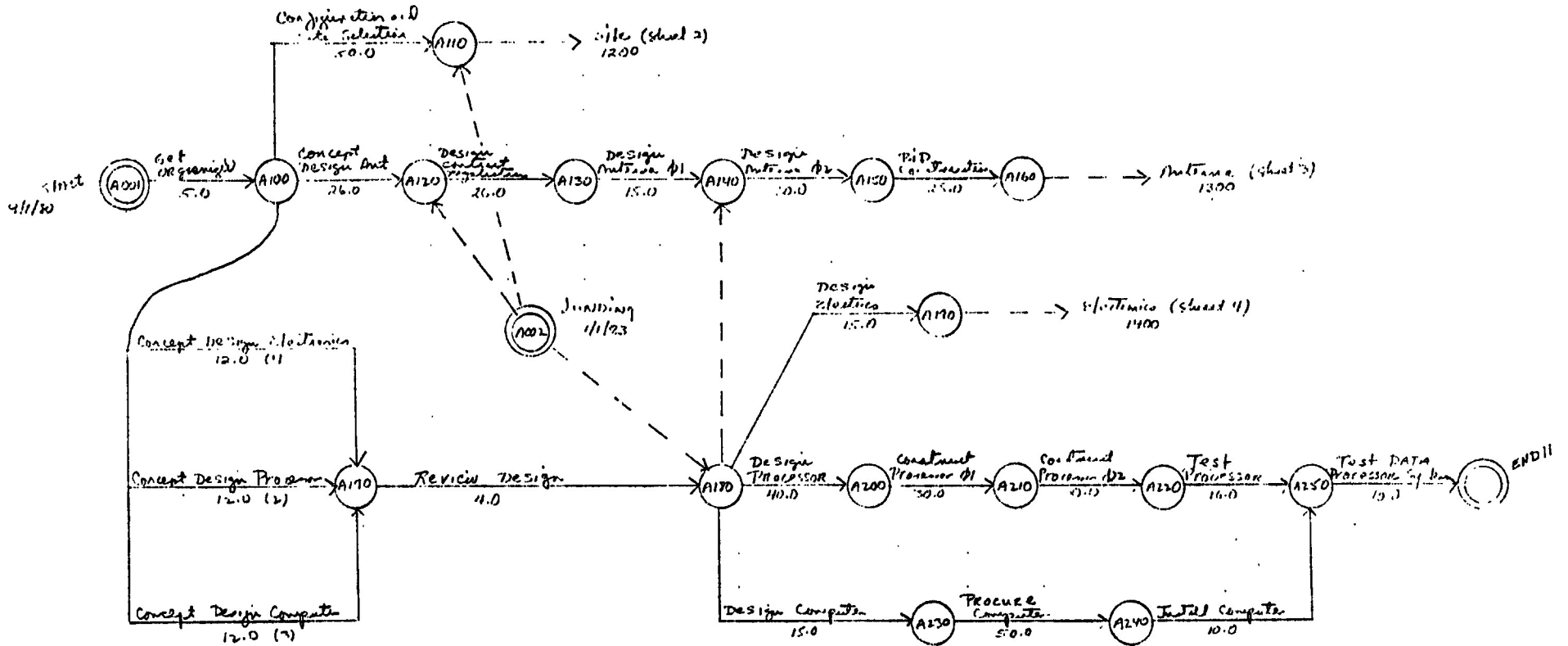
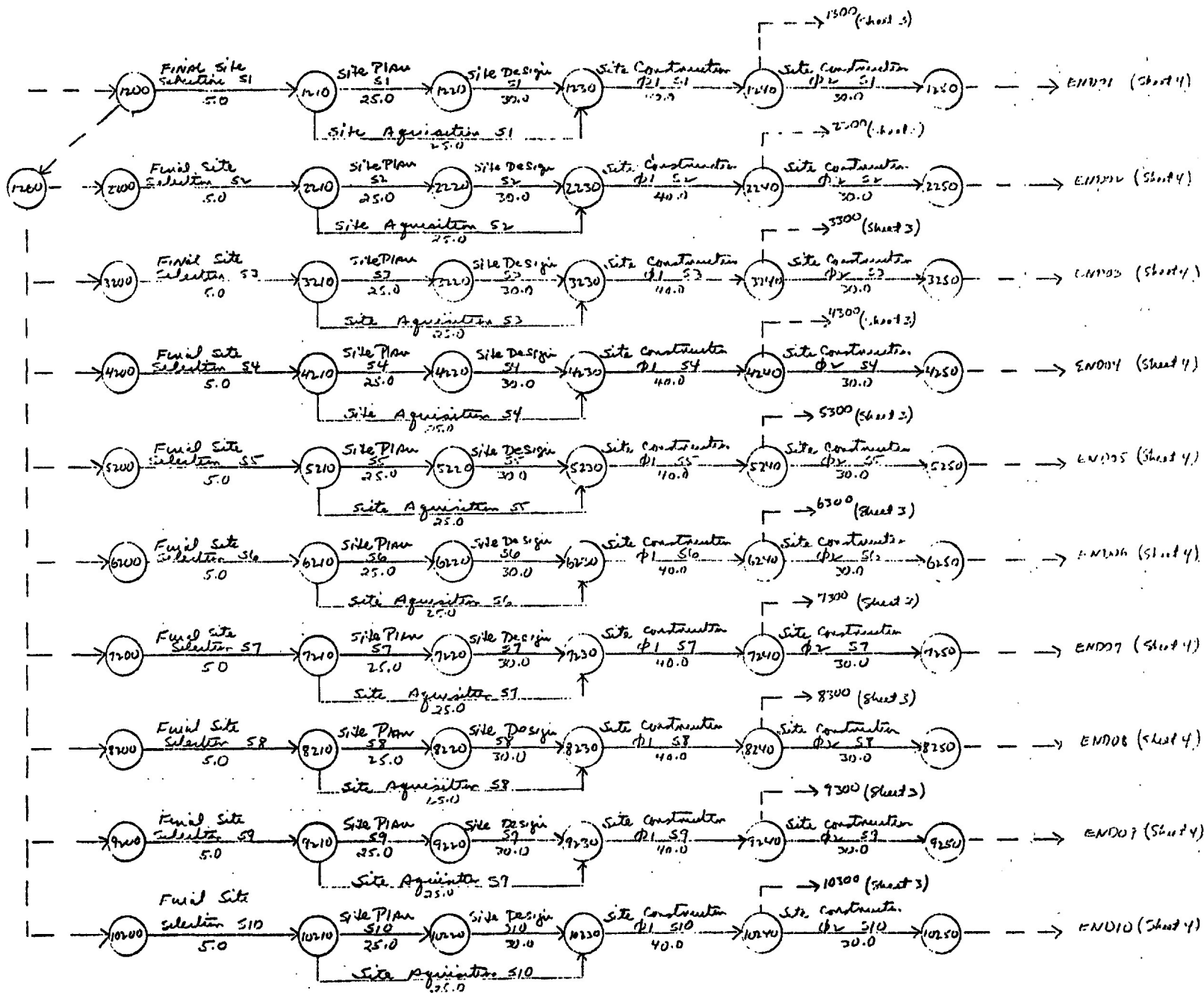


# VLB ARRAY MEMO No. 20

## CONSTRUCTION PROGRAM

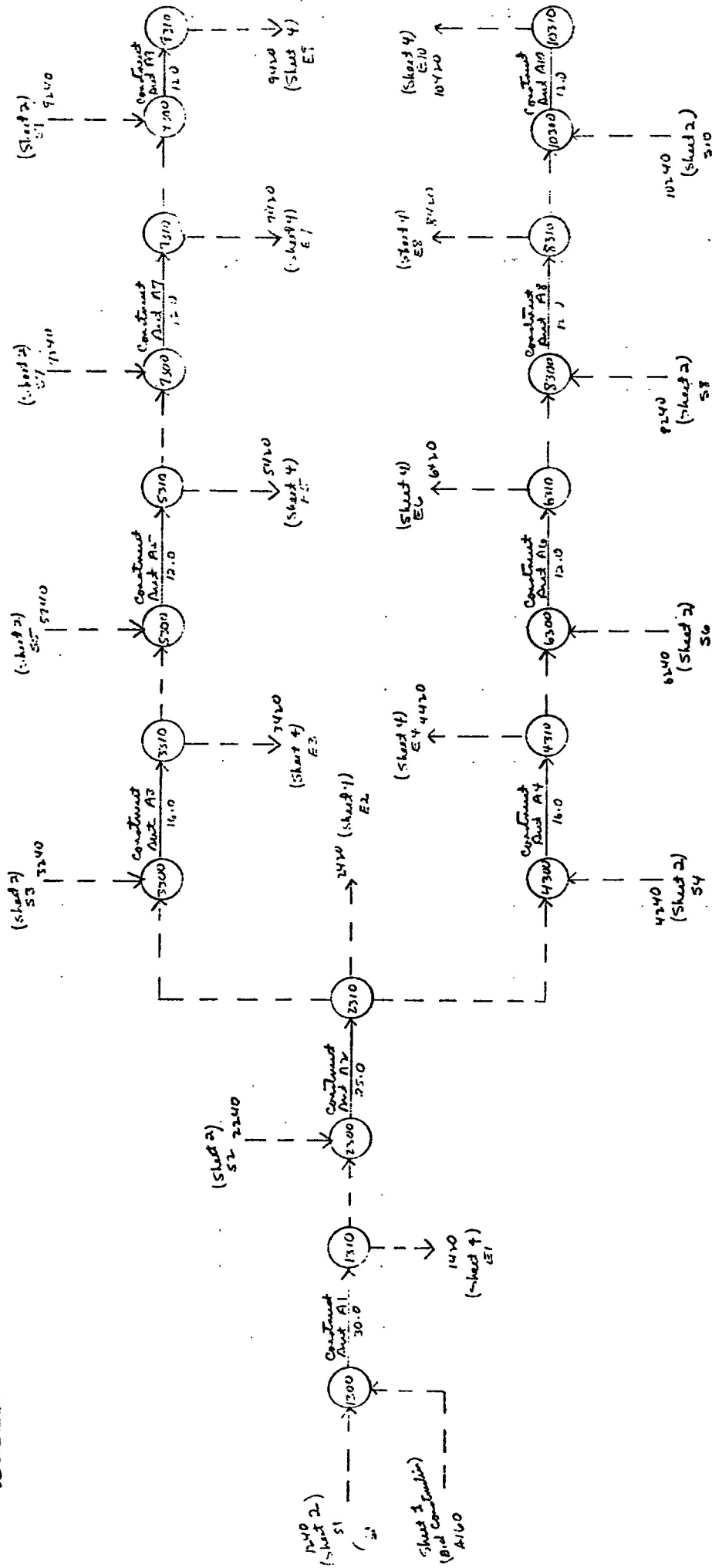


AINO  
from  
sheet 1



SITE

Answer







NATIONAL RADIO ASTRONOMY OBSERVATORY  
ACTIVITY TIME STATUS REPORT

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PROGRAM 01SEP80 REPORT DATE. VERY LONG BASELINE ARRAY  
PROJECT CONCEPTS, DESIGN AND DEVELOPMENT

VLB10A  
VLRA10

RUN DATE 29AUG80

LEVEL DETAIL

SORTED BY PRED,SUCC

PRED EVENT	SUCC EVENT	CY. CD.	ACTIVITY DESCRIPTION	TIME EST	SLACK PRIM. SEC.	EARLY START	DATES FINISH	LATE START	DATES FINISH	DEPT SCHED.
	A001 S		BEGIN ORGANIZATION		64.4	A02SEP80	A02SEP80	04DEC81	04DEC81	
	A002 S		FUNDING		.0	A03JAN83	A03JAN83	03JAN83	03JAN83	
A001	A100		GET ORGANIZED	05.0	64.4	A02SEP80	07OCT80	04DEC81	12JAN82	
A002	A110		DUMMY	0000	.0	A03JAN83	03JAN83	03JAN83	03JAN83	
A002	A120		DUMMY	0000	14.0	A03JAN83	03JAN83	12APR83	12APR83	
A002	A180		DUMMY	0000	.0	A03JAN83	03JAN83	03JAN83	03JAN83	
A100	A110		CONFIG. & SITE SELECTION	50.0	64.4	07OCT80	29SEP81	12JAN82	03JAN83	
A100	A120		CONCEPT DESIGN ANTENNA	26.0	102.4	07OCT80	13APR81	08OCT82	12APR83	
A100	A170 3		CONCEPT DES COMPUTER	12.0	98.4	07OCT80	02JAN81	10SEP82	06DEC82	
A100	A170 2		CONCEPT DES PROCESSOR	12.0	98.4	07OCT80	02JAN81	10SEP82	06DEC82	
A100	A170 1		CONCEPT DES ELECTRONICS	12.0	98.4	07OCT80	02JAN81	10SEP82	06DEC82	
A110	1200		DUMMY	0000	.0	03JAN83	03JAN83	03JAN83	03JAN83	
A120	A130		NEGOTIATE DES CONTRACT	26.0	14.0	03JAN83	07JUL83	12APR83	14OCT83	
A130	A140		DESIGN ANTENNA PH 1	15.0	14.0	07JUL83	21OCT83	14OCT83	30JAN84	
A140	A150		DESIGN ANTENNA PH 2	20.0	14.0	21OCT83	13MAR84	30JAN84	20JUN84	
A150	A160		BID CONSTRUCTION	25.0	14.0	13MAR84	07SEP84	20JUN84	17DEC84	
A160	1300		DUMMY	0000	14.0	07SEP84	07SEP84	17DEC84	17DEC84	
A170	A180		REVIEW DESIGN	04.0	98.4	02JAN81	30JAN81	06DEC82	03JAN83	
A180	A140		DUMMY	0000	55.0	03JAN83	03JAN83	30JAN84	30JAN84	
A180	A190		DESIGN ELECTRONICS	15.0	82.0	03JAN83	19APR83	09AUG84	26NOV84	
A180	A200		DESIGN PROCESSOR	40.0	.0	03JAN83	14OCT83	03JAN83	14OCT83	
A180	A230		DESIGN COMPUTER	15.0	41.0	03JAN83	19APR83	21OCT83	06FEB84	
A190	1400		DUMMY	0000	82.0	19APR83	19APR83	26NOV84	26NOV84	
A200	A210		CONSTRUCT PROCESSOR PH 1	30.0	.0	14OCT83	15MAY84	14OCT83	15MAY84	
A210	A220		CONSTRUCT PROCESSOR PH 2	30.0	.0	15MAY84	17DEC84	15MAY84	17DEC84	
A220	A250		TEST PROCESSOR	16.0	.0	17DEC84	12APR85	17DEC84	12APR85	
A230	A240		PROCURE COMPUTER	50.0	41.0	19APR83	10APR84	06FEB84	30JAN85	
A240	A250		INSTALL COMPUTER	10.0	41.0	10APR84	20JUN84	30JAN85	12APR85	
A250	END11		TEST DATA PROCESSOR SYS	10.0	.0	12APR85	24JUN85	12APR85	24JUN85	
1200	1210		FINAL SITE SELECTION S1	05.0	.0	03JAN83	07FEB83	03JAN83	07FEB83	
1200	1260		DUMMY	0000	30.0	03JAN83	03JAN83	04AUG83	04AUG83	
1210	1220		SITE PLAN S1	25.0	.0	07FEB83	04AUG83	07FEB83	04AUG83	
1210	1230		SITE ACQUISITION S1	25.0	30.0	07FEB83	04AUG83	09SEP83	06MAR84	
1220	1230		SITE DESIGN S1	30.0	.0	04AUG83	06MAR84	04AUG83	06MAR84	
1230	1240		SITE CONSTR. PH 1 S1	40.0	.0	06MAR84	17DEC84	06MAR84	17DEC84	
1240	1250		SITE CONSTR. PH 2 S1	30.0	12.0	17DEC84	23JUL85	15MAR85	16OCT85	
1240	1300		DUMMY	0000	.0	17DEC84	17DEC84	17DEC84	17DEC84	
1250	END01		DUMMY	0000	12.0	23JUL85	23JUL85	16OCT85	16OCT85	
1260	2200		DUMMY	0000	30.0	03JAN83	03JAN83	04AUG83	04AUG83	
1260	3200		DUMMY	0000	53.0	03JAN83	03JAN83	16JAN84	16JAN84	
1260	4200		DUMMY	0000	53.0	03JAN83	03JAN83	16JAN84	16JAN84	
1260	5200		DUMMY	0000	65.0	03JAN83	03JAN83	10APR84	10APR84	
1260	6200		DUMMY	0000	65.0	03JAN83	03JAN83	10APR84	10APR84	
1260	7200		DUMMY	0000	77.0	03JAN83	03JAN83	05JUL84	05JUL84	
1260	8200		DUMMY	0000	77.0	03JAN83	03JAN83	05JUL84	05JUL84	
1260	9200		DUMMY	0000	89.0	03JAN83	03JAN83	28SEP84	28SEP84	
1260	10200		DUMMY	0000	89.0	03JAN83	03JAN83	28SEP84	28SEP84	
1300	1310		CONSTRUCT ANTENNA A1	30.0	.0	17DEC84	23JUL85	17DEC84	23JUL85	
1310	1420		DUMMY	0000	.0	23JUL85	23JUL85	23JUL85	23JUL85	
1310	2300		DUMMY	0000	.0	23JUL85	23JUL85	23JUL85	23JUL85	

NATIONAL RADIO ASTRONOMY OBSERVATORY  
ACTIVITY TIME STATUS REPORT

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PROGRAM 01SEP80 REPORT DATE. VERY LONG BASELINE ARRAY  
PROJECT CCNCEPTS, DESIGN AND DEVELOPMENT

VLB10A  
VLB110

RUN DATE 29AUG80

LEVEL DETAIL

SORTED BY PRED,SUCC

PRED EVENT	SUCC EVENT	CY. CD.	ACTIVITY DESCRIPTION	TIME EST	SLACK PRIM. SEC.	EARLY START	DATES FINISH	LATE START	DATES FINISH	SCHED.	DEPT
1400	1410		CONSTR. ELECTRCNICS E1	20.0	82.0	19APR83	09SEP83	26NOV84	19APH85		
1410	1420		DUMMY	0000	95.0	09SEP83	09SEP83	23JUL85	23JUL85		
1410	2400		DUMMY	0000	82.0	09SEP83	09SEP83	19APR85	19APR85		
1420	1430		INSTALL ELECTRONICS E1	08.0	.0	23JUL85	18SEP85	23JUL85	18SEP85		
1430	END01		TEST E1/A1	04.0	.0	18SEP85	16OCT85	18SEP85	16OCT85		
2200	2210		FINAL SITE SELECTION S2	05.0	30.0	03JAN83	07FEB83	04AUG83	09SEP83		
2210	2220		SITE PLAN S2	25.0	30.0	07FEB83	04AUG83	09SEP83	06MAR84		
2210	2230		SITE AQUISITICN S2	25.0	60.0	07FEB83	04AUG83	10APR84	05OCT84		
2220	2230		SITE DESIGN S2	30.0	30.0	04AUG83	06MAR84	06MARR4	05OCT84		
2230	2240		SITE CONSTR. PH 1 S2	40.0	30.0	06MAR84	17DEC84	05OCT84	23JUL85		
2240	2250		SITE CONSTR. PH 2 S2	30.0	37.0	17DEC84	23JUL85	11SEP85	15APR86		
2240	2300		DUMMY	0000	30.0	17DEC84	17DEC84	23JUL85	23JUL85		
2250	END02		DUMMY	0000	37.0	23JUL85	23JUL85	15APR86	15APR86		
2300	2310		CCNSTRUCT ANTENNA A2	25.0	.0	23JUL85	20JAN86	23JUL85	20JAN86		
2310	2420		DUMMY	0000	.0	20JAN86	20JAN86	20JAN86	20JAN86		
2310	3300		DUMMY	0000	.0	20JAN86	20JAN86	20JAN86	20JAN86		
2310	4300		DUMMY	0000	.0	20JAN86	20JAN86	20JAN86	20JAN86		
2400	2410		CONSTR. ELECTRCNICS E2	10.0	82.0	09SEP83	18NOV83	19APR85	01JUL85		
2410	2420		DUMMY	0000	110.0	18NOV83	18NOV83	20JAN86	20JAN86		
2410	3400		DUMMY	0000	82.0	18NOV83	18NOV83	01JUL85	01JUL85		
2420	2430		INSTALL ELECTRONICS E2	08.0	.0	20JAN86	18MAR86	20JAN86	18MAR86		
2430	END02		TEST E2/A2	04.0	.0	18MAR86	15APR86	18MAR86	15APR86		
3200	3210		FINAL SITE SELECTION S3	05.0	53.0	03JAN83	07FEB83	16JAN84	20FEB84		
3210	3220		SITE PLAN S3	25.0	53.0	07FEB83	04AUG83	20FEB84	16AUG84		
3210	3230		SITE AQUISITICN S3	25.0	83.0	07FEB83	04AUG83	21SEP84	22MAR85		
3220	3230		SITE DESIGN S3	30.0	53.0	04AUG83	06MAR84	16AUG84	22MAR85		
3230	3240		SITE CONSTR. PH 1 S3	40.0	53.0	06MAR84	17DEC84	22MAR85	06JAN86		
3240	3250		SITE CONSTR. PH 2 S3	30.0	53.0	17DEC84	23JUL85	06JAN86	07AUG86		
3240	3300		DUMMY	0000	55.0	17DEC84	17DEC84	20JAN86	20JAN86		
3250	END03		DUMMY	0000	53.0	23JUL85	23JUL85	07AUG86	07AUG86		
3300	3310		CONSTRUCT ANTENNA A3	16.0	.0	20JAN86	13MAY86	20JAN86	13MAY86		
3310	3420		DUMMY	0000	.0	13MAY86	13MAY86	13MAY86	13MAY86		
3310	5300		DUMMY	0000	.0	13MAY86	13MAY86	13MAY86	13MAY86		
3400	3410		CONSTR. ELECTRONICS E3	10.0	82.0	18NOV83	30JAN84	01JUL85	11SEP85		
3410	3420		DUMMY	0000	116.0	30JAN84	30JAN84	13MAY86	13MAY86		
3410	4400		DUMMY	0000	82.0	30JAN84	30JAN84	11SEP85	11SEP85		
3420	3430		INSTALL ELECTRONICS E3	08.0	.0	13MAY86	10JUL86	13MAY86	10JUL86		
3430	END03		TEST E3/A3	04.0	.0	10JUL86	07AUG86	10JUL86	07AUG86		
4200	4210		FINAL SITE SELECTION S4	05.0	53.0	03JAN83	07FEB83	16JAN84	20FEB84		
4210	4220		SITE PLAN S4	25.0	53.0	07FEB83	04AUG83	20FEB84	16AUG84		
4210	4230		SITE AQUISITICN S4	25.0	83.0	07FEB83	04AUG83	21SEP84	22MAR85		
4220	4230		SITE DESIGN S4	30.0	53.0	04AUG83	06MAR84	16AUG84	22MAR85		
4230	4240		SITE CONSTR. PH 1 S4	40.0	53.0	06MAR84	17DEC84	22MAR85	06JAN86		
4240	4250		SITE CONSTR. PH 2 S4	30.0	53.0	17DEC84	23JUL85	06JAN86	07AUG86		
4240	4300		DUMMY	0000	55.0	17DEC84	17DEC84	20JAN86	20JAN86		
4250	END04		DUMMY	0000	53.0	23JUL85	23JUL85	07AUG86	07AUG86		
4300	4310		CONSTRUCT ANTENNA A4	16.0	.0	20JAN86	13MAY86	20JAN86	13MAY86		
4310	4420		DUMMY	0000	.0	13MAY86	13MAY86	13MAY86	13MAY86		
4310	6300		DUMMY	0000	.0	13MAY86	13MAY86	13MAY86	13MAY86		
4400	4410		CONSTR. ELECTRCNICS E4	10.0	82.0	30JAN84	10APR84	11SEP85	20NOV85		

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PROGRAM DISEPRO REPORT DATE. VERY LONG BASELINE ARRAY VLB10A RUN DATE 29AUG80  
PROJECT CONCEPTS, DESIGN AND DEVELOPMENT VLB100

LEVEL DETAIL SORTED BY PRED,SUCC

PRED EVENT	SUCC EVENT	CY. CD.	ACTIVITY DESCRIPTION	TIME EST	SLACK PRIM. SEC.	EARLY START	DATES FINISH	LATE START	DATES FINISH	SCHED.	DEPT
7420	7430		INSTALL ELECTRONICS E7	08.0	.0	31OCT86	30DEC86	31OCT86	30DEC86		
7430	END07		TEST E7/A7	04.0	.0	30DEC86	28JAN87	30DEC86	28JAN87		
8200	8210		FINAL SITE SELECTION S8	05.0	77.0	03JAN83	07FEB83	05JUL84	09AUG84		
8210	8220		SITE PLAN S8	25.0	77.0	07FEB83	04AUG83	09AUG84	06FEB85		
8210	8230		SITE AQUISITION S8	25.0	107.0	07FEB83	04AUG83	15MAR85	11SEP85		
8220	8230		SITE DESIGN S8	30.0	77.0	04AUG83	06MAR84	06FEB85	11SEP85		
8230	8240		SITE CONSTR. PH 1 S8	40.0	77.0	06MAR84	17DEC84	11SEP85	25JUN86		
8240	8250		SITE CONSTR. PH 2 S8	30.0	77.0	17DEC84	23JUL85	25JUN86	28JAN87		
8240	8300		DUMMY	0000	83.0	17DEC84	17DEC84	07AUG86	07AUG86		
8250	END08		DUMMY	0000	77.0	23JUL85	23JUL85	28JAN87	28JAN87		
8300	8310		CONSTRUCT ANTENNA A8	12.0	.0	07AUG86	31OCT86	07AUG86	31OCT86		
8310	8420		DUMMY	0000	.0	31OCT86	31OCT86	31OCT86	31OCT86		
8310	10300		DUMMY	0000	.0	31OCT86	31OCT86	31OCT86	31OCT86		
8400	8410		CONSTR. ELECTRONICS E8	10.0	82.0	09NOV84	23JAN85	25JUN86	05SEP86		
8410	8420		DUMMY	0000	90.0	23JAN85	23JAN85	31OCT86	31OCT86		
8410	9400		DUMMY	0000	82.0	23JAN85	23JAN85	05SEP86	05SEP86		
8420	8430		INSTALL ELECTRONICS E8	08.0	.0	31OCT86	30DEC86	31OCT86	30DEC86		
8430	END08		TEST E8/A8	04.0	.0	30DEC86	28JAN87	30DEC86	28JAN87		
9200	9210		FINAL SITE SELECTION S9	05.0	89.0	03JAN83	07FEB83	28SEP84	02NOV84		
9210	9220		SITE PLAN S9	25.0	89.0	07FEB83	04AUG83	02NOV84	03MAY85		
9210	9230		SITE AQUISITION S9	25.0	119.0	07FEB83	04AUG83	10JUN85	05DEC85		
9220	9230		SITE DESIGN S9	30.0	89.0	04AUG83	06MAR84	03MAY85	05DEC85		
9230	9240		SITE CONSTR. PH 1 S9	40.0	89.0	06MAR84	17DEC84	05DEC85	19SEP86		
9240	9250		SITE CONSTR. PH 2 S9	30.0	89.0	17DEC84	23JUL85	19SEP86	23APR87		
9240	9300		DUMMY	0000	95.0	17DEC84	17DEC84	31OCT86	31OCT86		
9250	END09		DUMMY	0000	89.0	23JUL85	23JUL85	23APR87	23APR87		
9300	9310		CONSTRUCT ANTENNA A9	12.0	.0	31OCT86	28JAN87	31OCT86	28JAN87		
9310	9420		DUMMY	0000	.0	28JAN87	28JAN87	28JAN87	28JAN87		
9400	9410		CONSTR. ELECTRONICS E9	10.0	82.0	23JAN85	05APR85	05SEP86	14NOV86		
9410	9420		DUMMY	0000	92.0	05APR85	05APR85	28JAN87	28JAN87		
9410	10400		DUMMY	0000	82.0	05APR85	05APR85	14NOV86	14NOV86		
9420	9430		INSTALL ELECTRONICS E9	08.0	.0	28JAN87	26MAR87	28JAN87	26MAR87		
9430	END09		TEST E9/A9	04.0	.0	26MAR87	23APR87	26MAR87	23APR87		
END01		E			.0	16OCT85	16OCT85	16OCT85	16OCT85		
END02		E			.0	15APR86	15APR86	15APR86	15APR86		
END03		E			.0	07AUG86	07AUG86	07AUG86	07AUG86		
END04		E			.0	07AUG86	07AUG86	07AUG86	07AUG86		
END05		E			.0	31OCT86	31OCT86	31OCT86	31OCT86		
END06		E			.0	31OCT86	31OCT86	31OCT86	31OCT86		
END07		E			.0	28JAN87	28JAN87	28JAN87	28JAN87		
END08		E			.0	28JAN87	28JAN87	28JAN87	28JAN87		
END09		E			.0	23APR87	23APR87	23APR87	23APR87		
END10		E			.0	23APR87	23APR87	23APR87	23APR87		
END11		E			.0	24JUN85	24JUN85	24JUN85	24JUN85		
10200	10210		FINAL SITE SELECTION S10	05.0	89.0	03JAN83	07FEB83	28SEP84	02NOV84		
10210	10220		SITE PLAN S10	25.0	89.0	07FEB83	04AUG83	02NOV84	03MAY85		
10210	10230		SITE AQUISITION S10	25.0	119.0	07FEB83	04AUG83	10JUN85	05DEC85		
10220	10230		SITE DESIGN S10	30.0	89.0	04AUG83	06MAR84	03MAY85	05DEC85		
10230	10240		SITE CONSTR. PH 1 S10	40.0	89.0	06MAR84	17DEC84	05DEC85	19SEP86		
10240	10250		SITE CONSTR. PH 2 S10	30.0	89.0	17DEC84	23JUL85	19SEP86	23APR87		

NATIONAL RADIO ASTRONOMY OBSERVATORY  
ACTIVITY TIME STATUS REPORT

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PROGRAM 01SEP80 REPORT DATE. VERY LONG BASELINE ARRAY  
PROJECT CONCEPTS, DESIGN AND DEVELOPMENT

VLB10A  
VLBA10

RUN DATE 29AUG80

LEVEL DETAIL

SORTED BY PRED,SUCC

PRED EVENT	SUCC EVENT	CY. CD.	ACTIVITY DESCRIPTION	TIME EST	SLACK PRIM. SEC.	EARLY START	DATES FINISH	LATE START	DATES FINISH	SCHED.	DEPT
10240	10300		DUMMY	0000	95.0	17DEC84	17DEC84	31OCT86	31OCT86		
10250	END10		DUMMY	0000	89.0	23JUL85	23JUL85	23APR87	23APR87		
10300	10310		CONSTRUCT ANTENNA A10	12.0	.0	31OCT86	28JAN87	31OCT86	28JAN87		
10310	10420		DUMMY	0000	.0	28JAN87	28JAN87	28JAN87	29JAN87		
10400	10410		CONSTR. ELECTRONICS E10	10.0	82.0	05APR85	17JUN85	14NOV86	28JAN87		
10410	10420		DUMMY	0000	82.0	17JUN85	17JUN85	28JAN87	28JAN87		
10420	10430		INSTALL ELECTRONICS E10	08.0	.0	28JAN87	26MAR87	28JAN87	26MAR87		
10430	END10		TEST E10/A10	04.0	.0	26MAR87	23APR87	26MAR87	23APR87		

NATIONAL RADIO ASTRONOMY OBSERVATORY  
ACTIVITY BAR CHART

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PROGRAM 01SEP80 REPORT DATE, VERY LONG BASELINE ARRAY  
PROJECT CONCEPTS, DESIGN AND DEVELOPMENT

VLB10A  
VLBA10

FIN DATE 29AUG80

PRED EVENT	SUCC EVENT	CY CD	DESCRIPTION	A - ACTIVITY COMPLETE * - ACTIVITY DURATION	P - PACING ITEM - - ACTIVITY FLOAT	FINAL DATE	DFPT
A001	A100		GET ORGANIZED	*****		07 OCT 80	
A100	A110		CONFIG. & SITE SELECTION	*****		29 SEP 81	
A100	A120		CONCEPT DESIGN ANTENNA	*****		13 APR 81	
A100	A170	3	CONCEPT DES COMPUTER	*****		02 JAN 81	
A100	A170	2	CONCEPT DES PROCESSOR	*****		02 JAN 81	
A100	A170	1	CONCEPT DES ELECTRONICS	*****		02 JAN 81	
A120	A130		NEGOTIATE DES CONTRACT	*****		07 JUL 83	
A130	A140		DESIGN ANTENNA PH 1	*****		21 OCT 83	
A140	A150		DESIGN ANTENNA PH 2	*****		13 MAR 84	
A150	A160		UTC CONSTRUCTION	*****		07 SEP 84	
A170	A180		REVIEW DESIGN	*****		30 JAN 81	
A180	A190		DESIGN ELECTRONICS	*****		19 APR 83	
A180	A200		DESIGN PROCESSOR	PPPPPPPP		14 OCT 83	
A180	A230		DESIGN COMPUTER	*****		19 APR 83	
A200	A210		CONSTRUCT PROCESSOR PH 1	PPPPPPPP		15 MAY 84	
A210	A220		CONSTRUCT PROCESSOR PH 2	PPPPPPPP		17 DEC 84	
A220	A250		TEST PROCESSOR	PPPP		12 APR 85	
A230	A240		PROCURE COMPUTER	*****		10 APR 84	
A240	A250		INSTALL COMPTER	*****		20 JUN 84	
A250	END11		TEST DATA PROCESSOR SYS	PP		24 JUN 85	
1200	1210		FINAL SITE SELECTION S1	PP		07 FEB 83	
1210	1220		SITE PLAN S1	PPPPPP		04 AUG 83	
1210	1230		SITE ACQUISITION S1	*****		04 AUG 83	
1220	1230		SITE DESIGN S1	PPPPPPPP		06 MAR 84	
1230	1240		SITE CONSTR. PH 1 S1	PPPPPPPPPP		17 DEC 84	
1240	1250		SITE CONSTR. PH 2 S1	*****		23 JUL 85	
1300	1310		CONSTRUCT ANTENNA A1	PPPPPPPP		23 JUL 85	
1400	1410		CONSTR. ELECTRONICS E1	*****		09 SEP 83	
1420	1430		INSTALL ELECTRONICS E1	PP		18 SEP 85	
1430	END01		TEST E1/A1	PP		16 OCT 85	
2200	2210		FINAL SITE SELECTION S2	*****		07 FEB 83	
2210	2220		SITE PLAN S2	*****		04 AUG 83	
2210	2230		SITE ACQUISITION S2	*****		04 AUG 83	
2220	2230		SITE DESIGN S2	*****		06 MAR 84	
2230	2240		SITE CONSTR. PH 1 S2	*****		17 DEC 84	
2240	2250		SITE CONSTR. PH 2 S2	*****		23 JUL 85	
2300	2310		CONSTRUCT ANTENNA A2	PPPPPP		20 JAN 86	
2400	2410		CONSTR. ELECTRONICS E2	*****		18 NOV 83	
2420	2430		INSTALL ELECTRONICS E2	PP		18 MAR 86	
2430	END02		TEST E2/A2	PP		15 APR 86	
3200	3210		FINAL SITE SELECTION S3	*****		07 FEB 83	
3210	3220		SITE PLAN S3	*****		04 AUG 83	
3210	3230		SITE ACQUISITION S3	*****		04 AUG 83	
3220	3230		SITE DESIGN S3	*****		06 MAR 84	
3230	3240		SITE CONSTR. PH 1 S3	*****		17 DEC 84	
3240	3250		SITE CONSTR. PH 2 S3	*****		23 JUL 85	
3300	3310		CONSTRUCT ANTENNA A3	PPPPPP		13 MAY 86	
3400	3410		CONSTR. ELECTRONICS E3	*****		30 JAN 84	
3420	3430		INSTALL ELECTRONICS E3	PP		10 JUL 86	
3430	END03		TEST E3/A3	PP		07 AUG 86	
4200	4210		FINAL SITE SELECTION S4	*****		07 FEB 83	

01SEP81      01SEP82      01SEP83      01SEP84      01SEP85      01SEP86

NATIONAL RADIO ASTRONOMY OBSERVATORY  
ACTIVITY BAR CHART

PAGE 3

PROGRAM 01SEP80 REPORT DATE. VLRY LONG BASELINE ARRAY  
PROJECT CGNCEPTS, DESIGN AND DEVELOPMENT

VLB10A  
VLBA10

PUN DATE 29AUG80

PRED EVENT	SUCC EVENT	CY CD	DESCRIPTION	A - ACTIVITY COMPLETE * - ACTIVITY DURATION	P - PACING ITEM - - ACTIVITY FLOAT	FINAL DATE	DEPT		
9210	9230		SITE AQUISITICN S9	*****-----		04AUG83			
9220	9230		SITE DESIGN S9	*****-----		06MAR84			
9230	9240		SITE CONSTR. PH 1 S9	*****-----		17DEC84			
9240	9250		SITE CONSTR. PH 2 S9	*****-----		23JUL85			
9300	9310		CONSTRUCT ANTENNA A9	*****-----	.PPPP	28JAN87			
9400	9410		CONSTR. ELECTRONICS E9	*****-----		05APR85			
9420	9430		INSTALL ELECTRONICS E9	*****-----	P	26MAR87			
9430	END09		TEST E9/A9	*****-----		23APR87			
10200	10210		FINAL SITE SELECTILN S10	*****-----		07FEB83			
10210	10220		SITE PLAN S10	*****-----		04AUG83			
10210	10230		SITE AQUISITICN S10	*****-----		04AUG83			
10220	10230		SITE DESIGN S10	*****-----		06MAR84			
10230	10240		SITE CONSTR. PH 1 S10	*****-----		17DEC84			
10240	10250		SITE CONSTR. PH 2 S10	*****-----		23JUL85			
10300	10310		CONSTRUCT ANTENNA A10	*****-----	.PPPP	28JAN87			
10400	10410		CONSTR. ELECTRONICS E10	*****-----		17JUN85			
10420	10430		INSTALL ELECTRONICS E10	*****-----	P	26MAR87			
10430	END10		TEST E10/A10	*****-----		23APR87			
				01SEP81	01SEP82	01SEP83	01SEP84	01SEP85	01SEP86

NATIONAL RADIO ASTRONOMY OBSERVATORY  
CYCLE CODE BAR CHART

PROGRAM 01SEP80 REPORT DATE. VERY LONG BASELINE ARRAY VLB10A FINN DATE 04SEP80  
PROJECT CONCEPTS, DESIGN AND DEVELOPMENT VLB10A

CODE	CYCLE CODE DESCRIPTION	A ALL ACTIVITIES COMPLETE	* ALL ACTIVITIES NOT COMPLETE	FINAL DATE					
AA	COMPUTER	*****	***** ** * ** * * * * *	23APR87					
PA	PROCESSOR	:	*****	20JUN84					
CA	STATION 1	:	*****	24JUL85					
DA	STATION 2	:	*****	16LCT85					
EA	STATION 3	:	*****	15APR86					
FA	STATION 4	:	*****	07AUG86					
GA	STATION 5	:	*****	31OCT86					
HA	STATION 6	:	*****	31OCT86					
IA	STATION 7	:	*****	28JAN87					
JA	STATION 8	:	*****	28JAN87					
KA	STATION 9	:	*****	23APR87					
LA	STATION 10	:	*****	23APR87					
		01SEP81	01SEP82	01SEP83	01SEP84	01SEP85	01SEP86	01SEP87	

NATIONAL RADIO ASTRONOMY OBSERVATORY  
ACTIVITY TIME STATUS REPORT

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PROGRAM 01SEP80 REPORT DATE. VERY LONG BASELINE ARRAY  
PROJECT CONCEPTS, DESIGN AND DEVELOPMENT

VLB10A  
VIR10

FILE DATE 29AUG80

LEVL DETAIL

SORTED BY EXP. DATE

PRFD EVENT	SUCC EVENT	CY. CD.	ACTIVITY DESCRIPTION	TIME EST	SLACK PRIM. SEC.	EARLY START	DATES FINISH	LATE START	DATES FINISH	SCHED.	DEPT
A001	A100		GFT ORGANIZED	05.0	64.4	A02SEP80	07OCT80	04DEC81	12JAN92		
A100	A170	3	CONCEPT DES COMPUTER	12.0	98.4	07OCT80	02JAN81	10SEP82	06DEC82		
A100	A170	2	CONCEPT DES PROCESSOR	12.0	98.4	07OCT80	02JAN81	10SEP82	06DEC82		
A100	A170	1	CONCEPT DES ELECTRONICS	12.0	98.4	07OCT80	02JAN81	10SEP82	06DEC82		
A170	A180		REVIEW DESIGN	04.0	98.4	02JAN81	30JAN81	06DEC82	03JAN83		
A100	A120		CONCEPT DESIGN ANTENNA	26.0	102.4	07OCT80	13APR81	08OCT82	12APR83		
A100	A110		CONFIG. & SITE SELECTION	50.0	64.4	07OCT80	29SEP81	12JAN82	03JAN83		