T.O. 31R1-2GRA98-3-1

TECHNICAL MANUAL CIRCUIT DIAGRAMS

FACILITY APPLICATION FRD-10A

COMMUNICATIONS CONTROL GROUP

AN/GRA-98

(ITT FEDERAL LABORATORIES)

AF19(628)-5698

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TABLE OF CONTENTS

Figure No.		Page
INTRODUCTION		ii
1	Operations Building Floor Plan	1
$\overset{-}{2}$	Communications Control Group AN/GRA-98,	
-	Functional Block Diagram	2
3	DF Servicer, Signal Distribution Diagram	3
4	DFDC, Signal Distribution Diagram	4
5	Alarm Monitor System, Distribution Diagram	5
6	AC Power Distribution Diagram	6
7	DC Power Distribution Diagram (Sheet 1 of 5)	7
7	DC Power Distribution Diagram (Sheet 2 of 5)	8
7		9
7	DC Power Distribution Diagram (Sheet 3 of 5)	
7	DC Power Distribution Diagram (Sheet 4 of 5)	10
7	DC Power Distribution Diagram (Sheet 5 of 5)	11

INTRODUCTION

This c	ircuit diagrams manual contains	\mathbf{DF}	- Direction Finding
signal flow	diagrams for Communications	DFAC	- Direction Finding Access and
Control Group AN/GRA-98 at facility			Control
application AN/FRD-10A.		\mathbf{DFDC}	 Direction Finding Data
			Communications
All abl	previations used in this manual	DFG	- Direction Finding Goniometer
are in acco	rdance with Military Standard	DFI	- Direction Finding Interferometer
MIL-STD-	12B, except the following:	DFIC	- Direction Finding
	,		Intercommunications
BDA	 Bit Distribution Amplifier 	ETM/AC	- Elapsed Time Meter/AC
$_{ m BID}$	- Beam Identification		Convenience
DASU	- Direct Access Switching Unit	GASU	- General Access Switching Unit

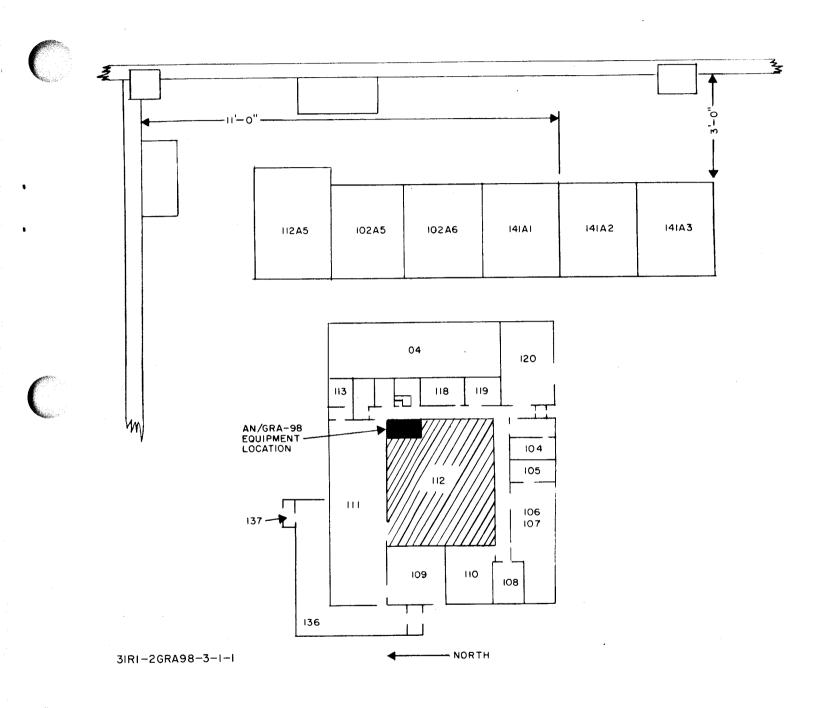


Figure 1. Operations Building Floor Plan

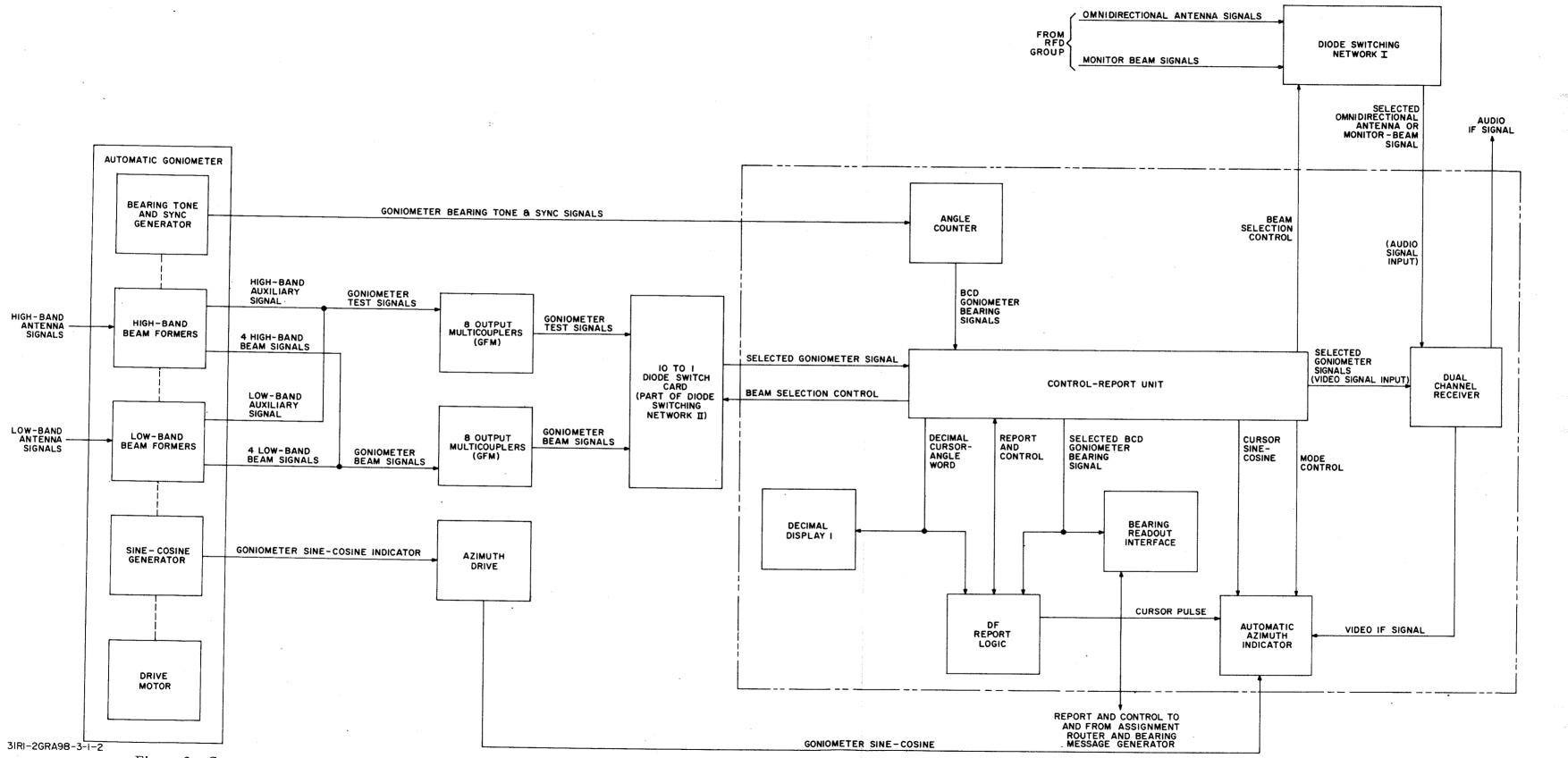


Figure 2. Communications Control Group AN/GRA-98, Functional Block Diagram

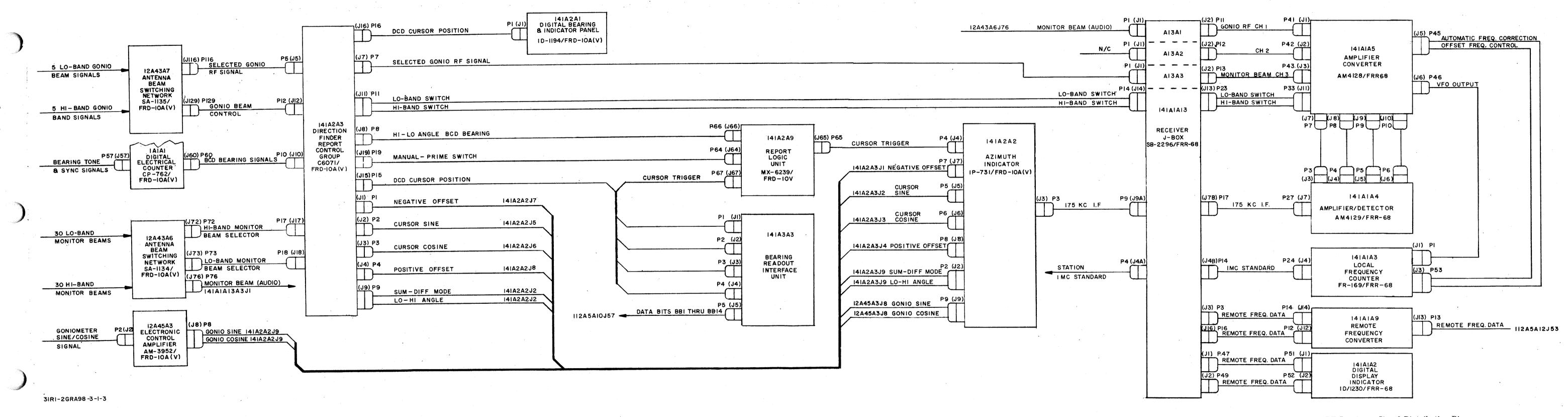


Figure 3. DF Servicer, Signal Distribution Diagram

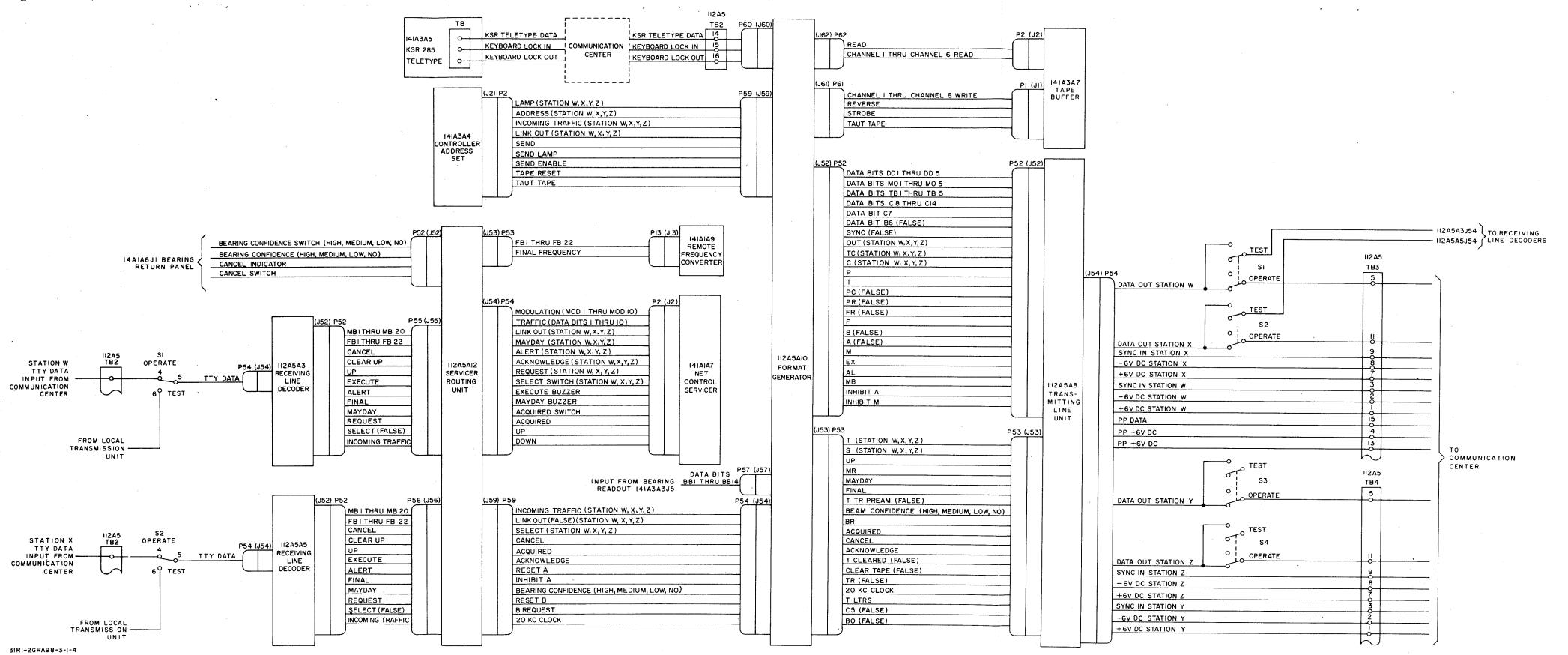
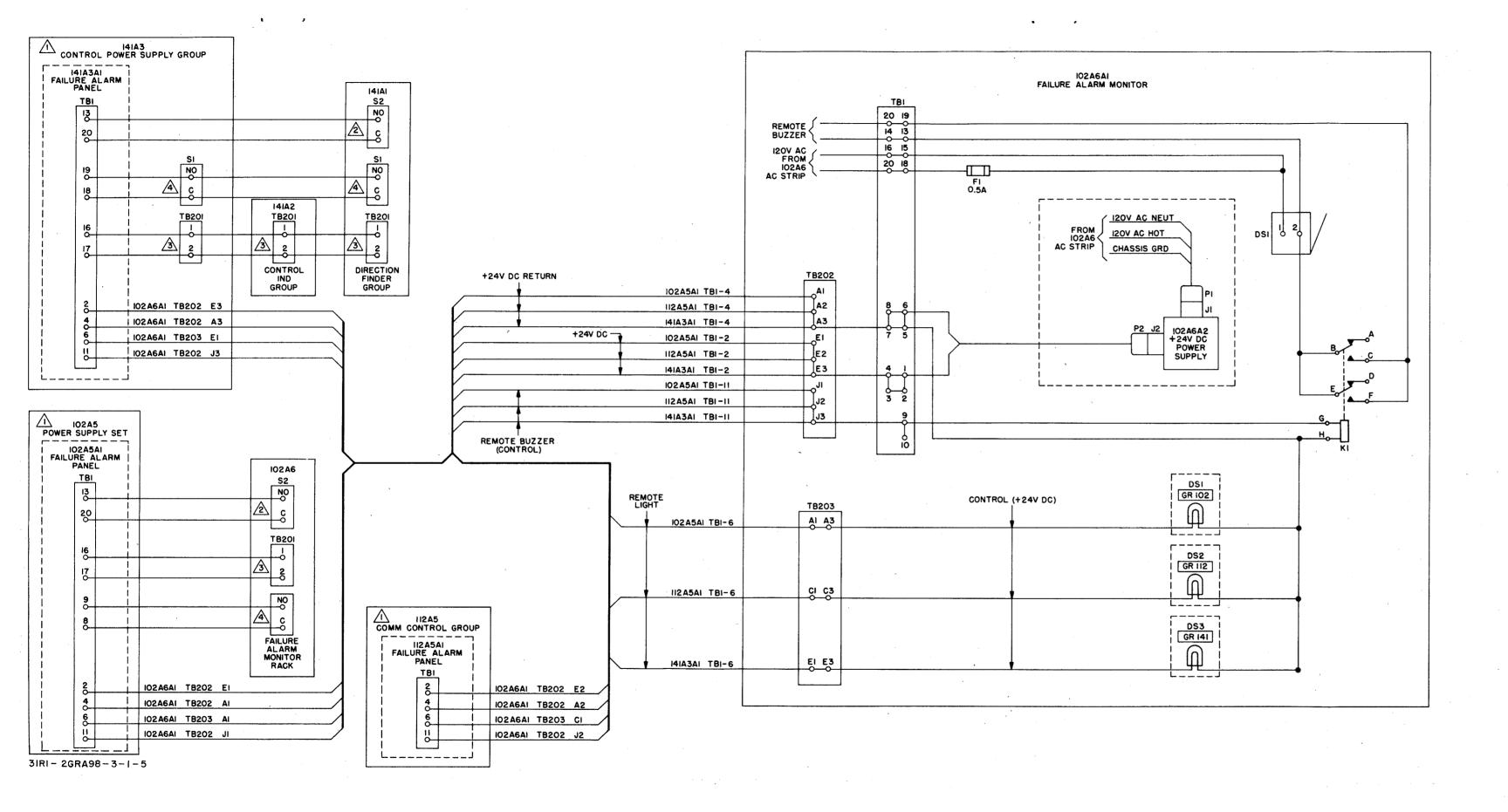


Figure 4. DFDC, Signal Distribution Diagram



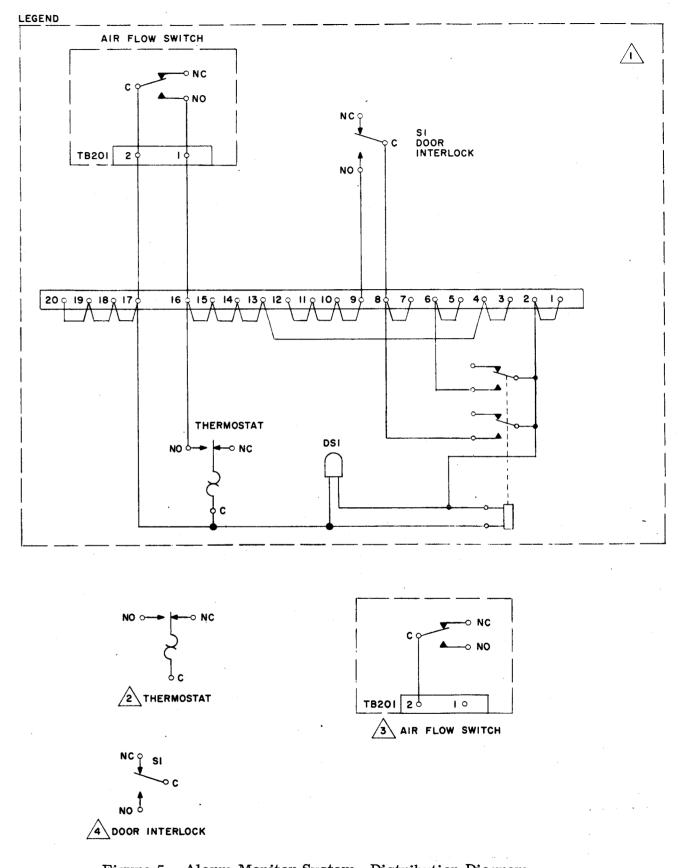


Figure 5. Alarm Monitor System, Distribution Diagram

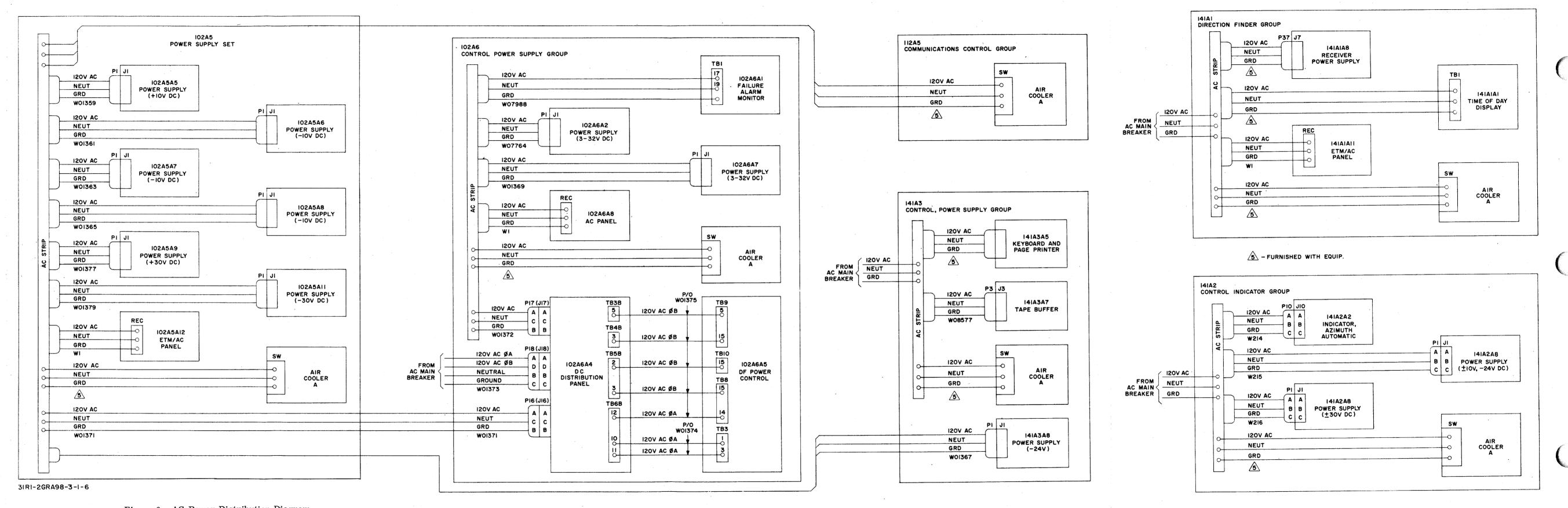


Figure 6. AC Power Distribution Diagram

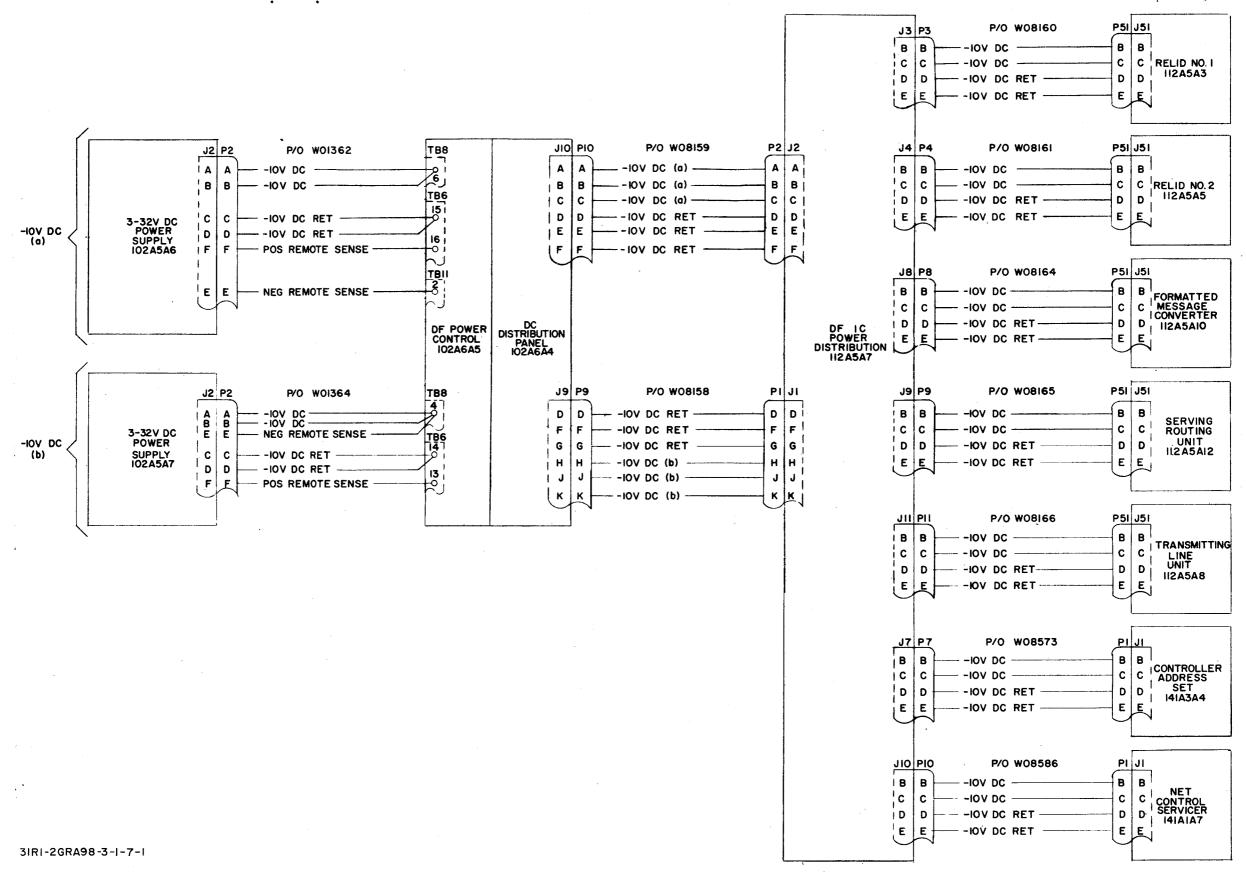


Figure 7. DC Power Distribution Diagram (Sheet 1 of 5)

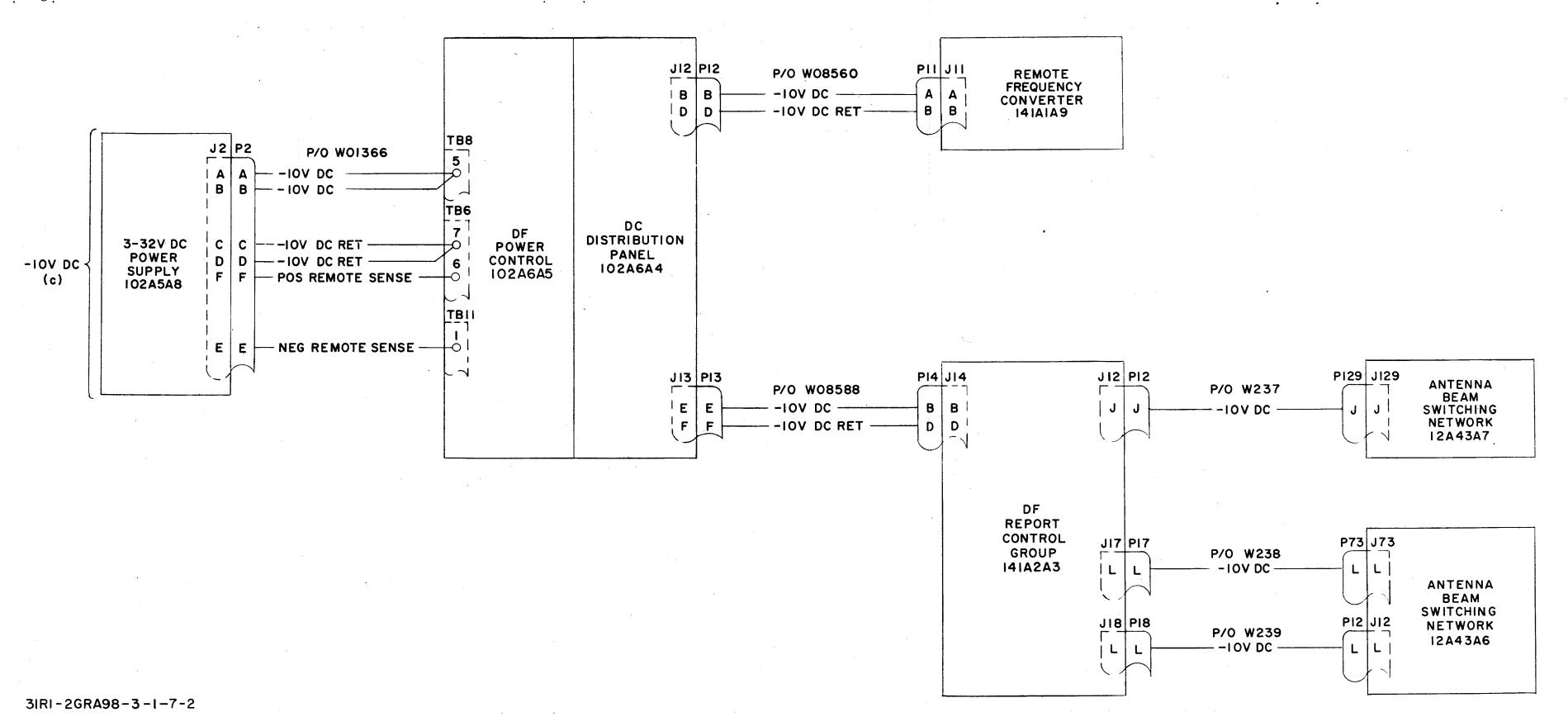


Figure 7. DC Power Distribution Diagram (Sheet 2 of 5)

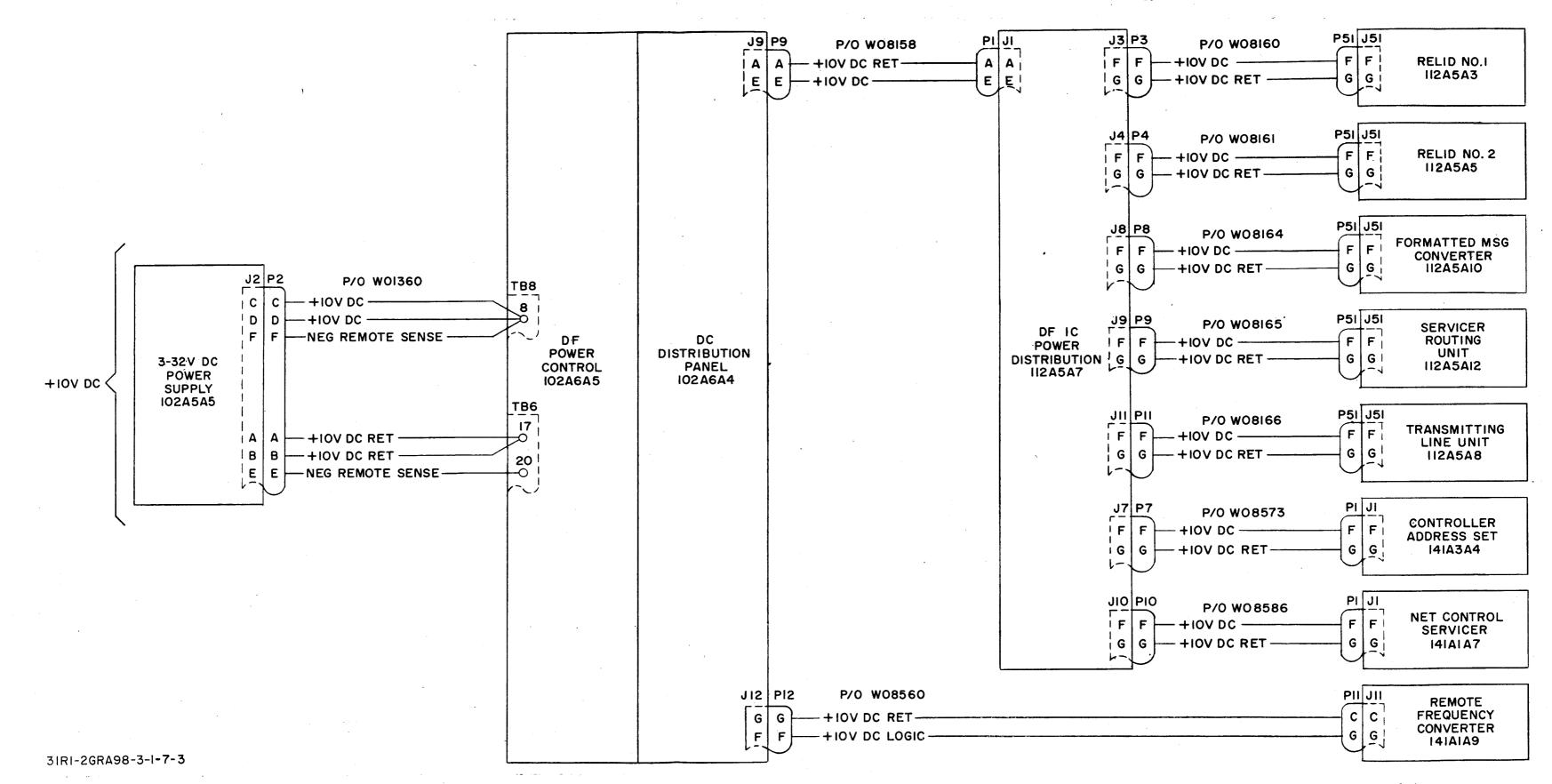


Figure 7. DC Power Distribution Diagram (Sheet 3 of 5)

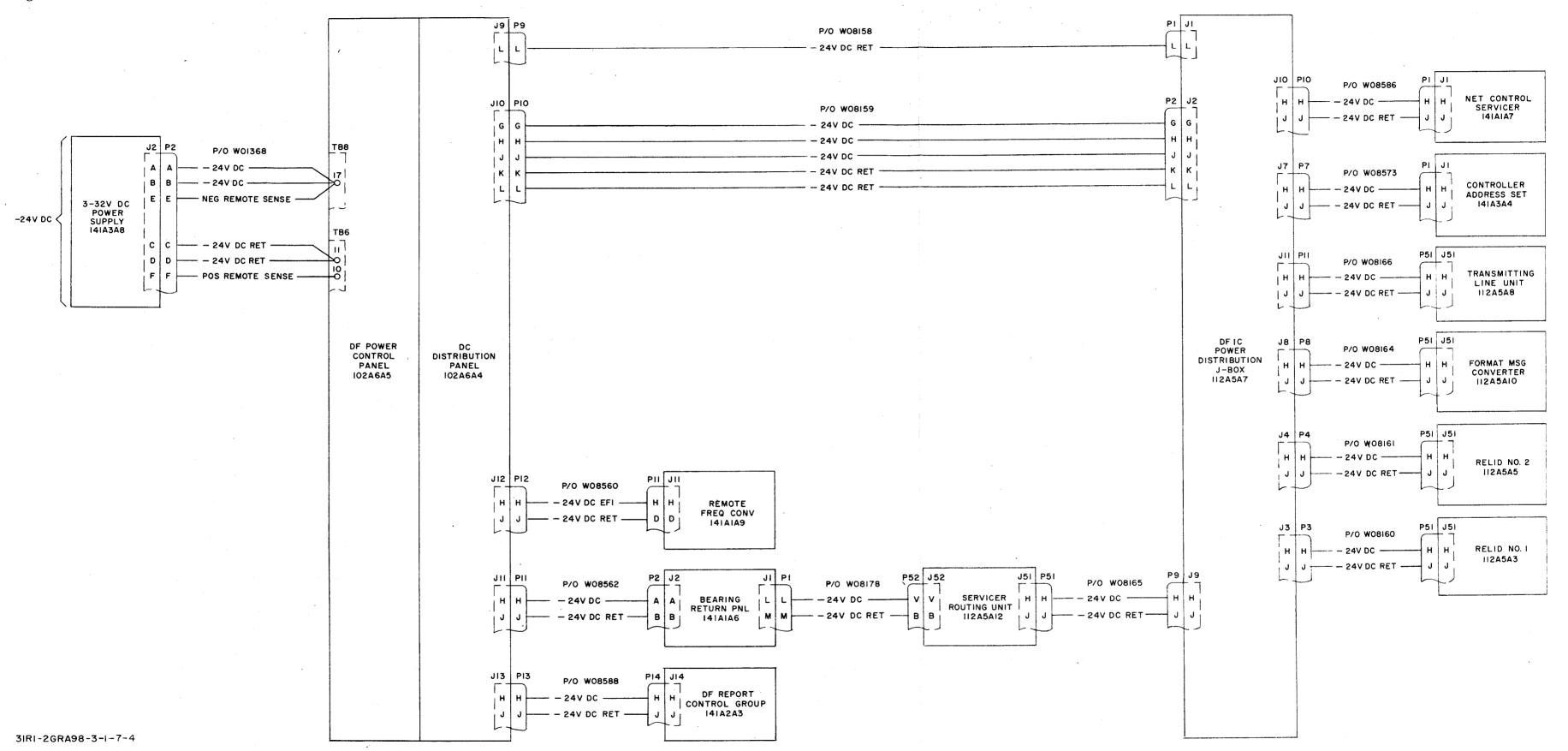
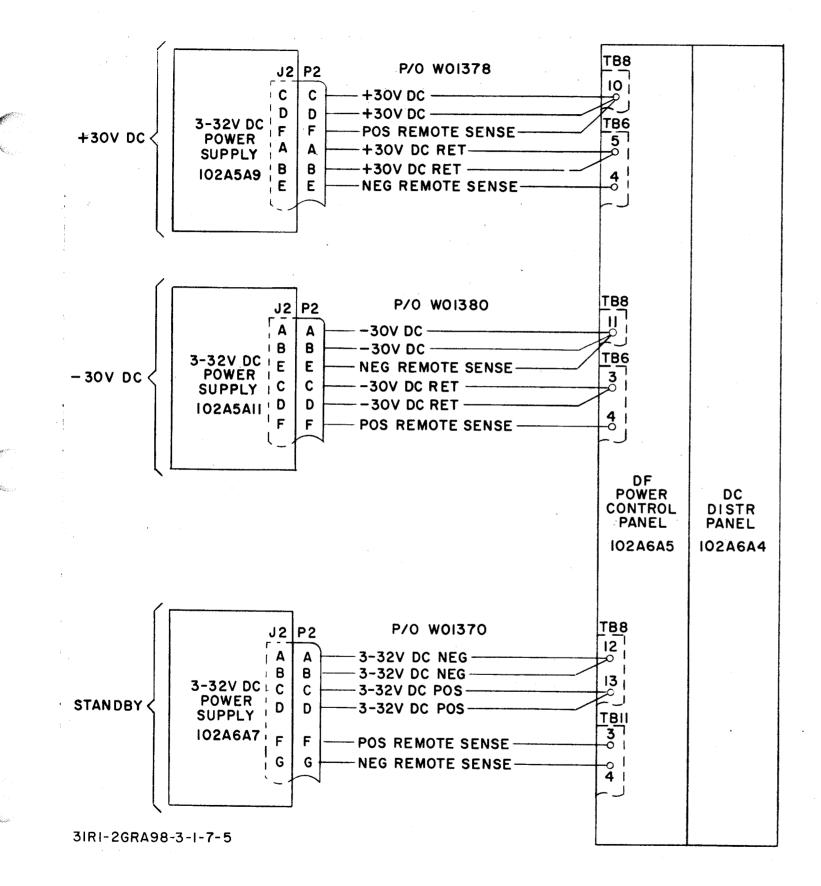


Figure 7. DC Power Distribution Diagram (Sheet 4 of 5)



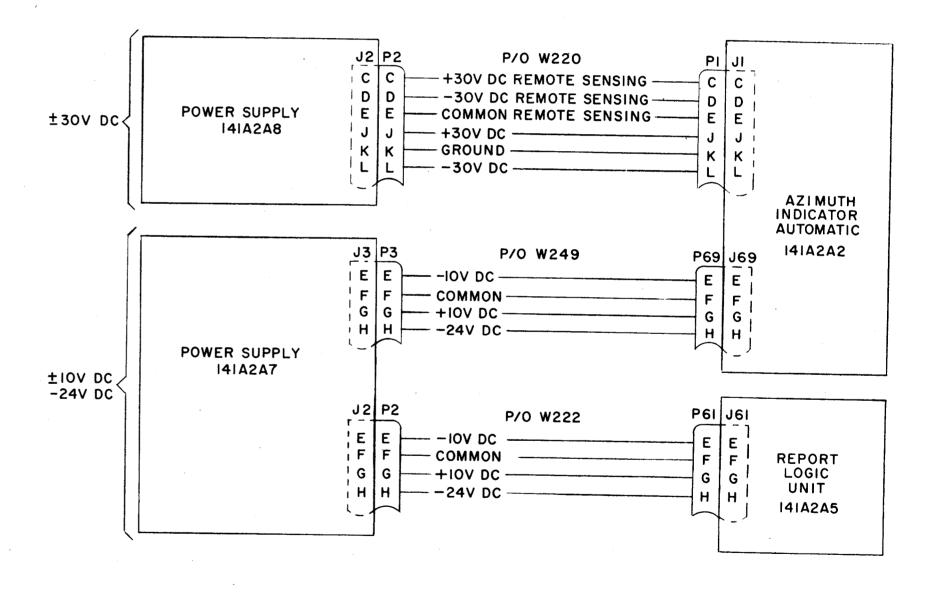


Figure 7. DC Power Distribution Diagram (Sheet 5 of 5)