E2 STATUS REPORTING AND CONTROL SYSTEM
CENTRAL AND REMOTE BAYS
SUMMARIZING SPECIFICATION
EQUIPMENT DESIGN REQUIREMENTS
OPERATIONS SUPPORT SYSTEMS

1. GENERAL

SCOPE

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the framework, equipment, and circuits for the manufacture and installation of the bays and associated equipment for the E2 Status Reporting and Control System.

1.02 This specification is reissued:

(a) To add lists 14, 15, 16, 17, and 18, to the J92617C and J92617D bays.

(b) To add lists 8, 9, and 10, to the J92617E bay.

(c) To add previously unassigned lists 8, 12, and 13 to the J92617AJ, J92617AK, and J92617AL bays.

(d) To rate the following codes Mfr Disc: J92617C, Lists 4, 11, 12, and 13; D, Lists 8, 11, 12, and 13; E, Lists 3, 6, and 7; AJ, List 2, AK, List 2; AL, Lists 2 and 9; and EL, List 2.

(e) To revise Table C to rate lists 35, 73, 74, and 75 "A&M Only"; to add lists 95 through 117; and to correct errors.

(f) To update system classification from "Common" to "Operations Support."

1.03 The E2 Status Reporting and Control System is a general purpose telemetering system with the multipoint data access. It can perform specific tasks of centralized data gathering and control.

1.04 This specification describes standard equipment configurations which will meet most installation requirements. For special requirements, refer to Section 801-609-153, "Equipment Units Which May Be Engineered on a Job Basis."

CAPACITY

1.05 An E2 configuration consists of a central station and a number of remote stations connected by a data network (Fig. 1). Remote stations respond to central station commands. Transmission between central and remote stations is at a data rate of 600 or 150 b/s on 4-wire voice-frequency facilities.

1.06 A central station bay can be equipped to address a number of remote stations as shown in Fig. 1. Each remote station may be equipped to report as few as 2 displays or a maximum of 60 displays. A display contains 64 status inputs, which may be equipped with alarm as shown in Table A. Remote switch capacity can range from 2 to 128 switch blocks at a remote station. A switch block contains 32 remote switches.

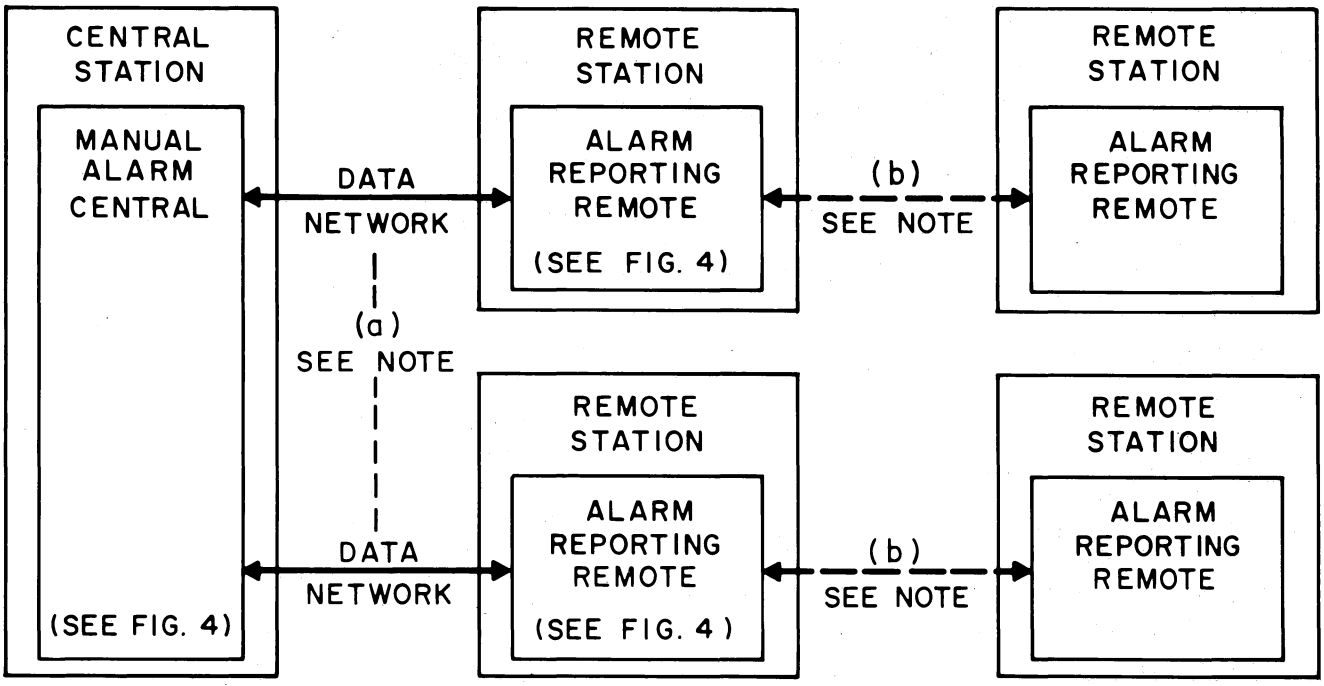
DESCRIPTION

1.07 The central station monitors the remote stations for alarm and status information, displays this information on the display panels, and controls the operation of remote switches. The normal operating mode of the central station is called alarm polling and is accomplished by the automatic sequential polling of each remote station. This cycle repeats continually, but it may be manually interrupted from the central station.

1.08 The four modes of operation are described below.

(a) ***Alarm Polling:*** This is the only automatic mode and is used to interrogate remote stations for alarm data. The central station is equipped with a memory circuit for storing and with a direct display for each remote station for presenting the alarm poll response. Fig. 2 indicates the format of this response.

(b) ***Status Display Reporting (See Fig. 3):*** An attendant at the central station manually selects the remote station and a display (64 two-



NOTE:

	MANUAL ALARM CENTRALS		
	J92617C & D		J92617E
(a) NETWORKS	1	2	1
(b) REMOTES PER NETWORK	32	16	16

Fig. 1—Alarm Reporting Application (ARA) Block Diagram

state status inputs) to be interrogated. Usually this is done to diagnose an alarm condition noted during alarm polling (see Fig. 4).

(c) ***Remote Switch:*** Commands are sent from a central station to a single momentarily operated (300 ms) relay contact closure at a remote. A verification signal is returned to indicate completion of the command.

(d) ***Remote Call-Up:*** This mode permits an independent surveillance system to communicate between remote stations on the same data network.

1.09 The central and remote station equipments are assembled bays which are designated by a J92617-( ) code. The one exception is the J92617AA remote office assembly, which is an assembled unit for mounting in an existing office bay frame. The bays are duct type with unequal flanges and are designed for 23-inch panels and 2-inch mounting plate spaces. The coded bays are available in three heights: 11 feet 6 inches, 9 feet, and 7 feet.

1.10 The basic bay assembly is designed to be equipped on a modular basis according to the function and capacity desired. J-coded shelves or units (J92618 series) which provide logic and control functions, relay panels, displays, etc, are ordered on a list basis in addition to list 1 of the desired bay code. This enables the customer to equip the desired bay to meet the capacity requirements and optional features for any office installation.

Central Station Equipment

1.11 Typical central station bays are shown in Fig. 5 and 6. The equipments common to these bays are as follows:

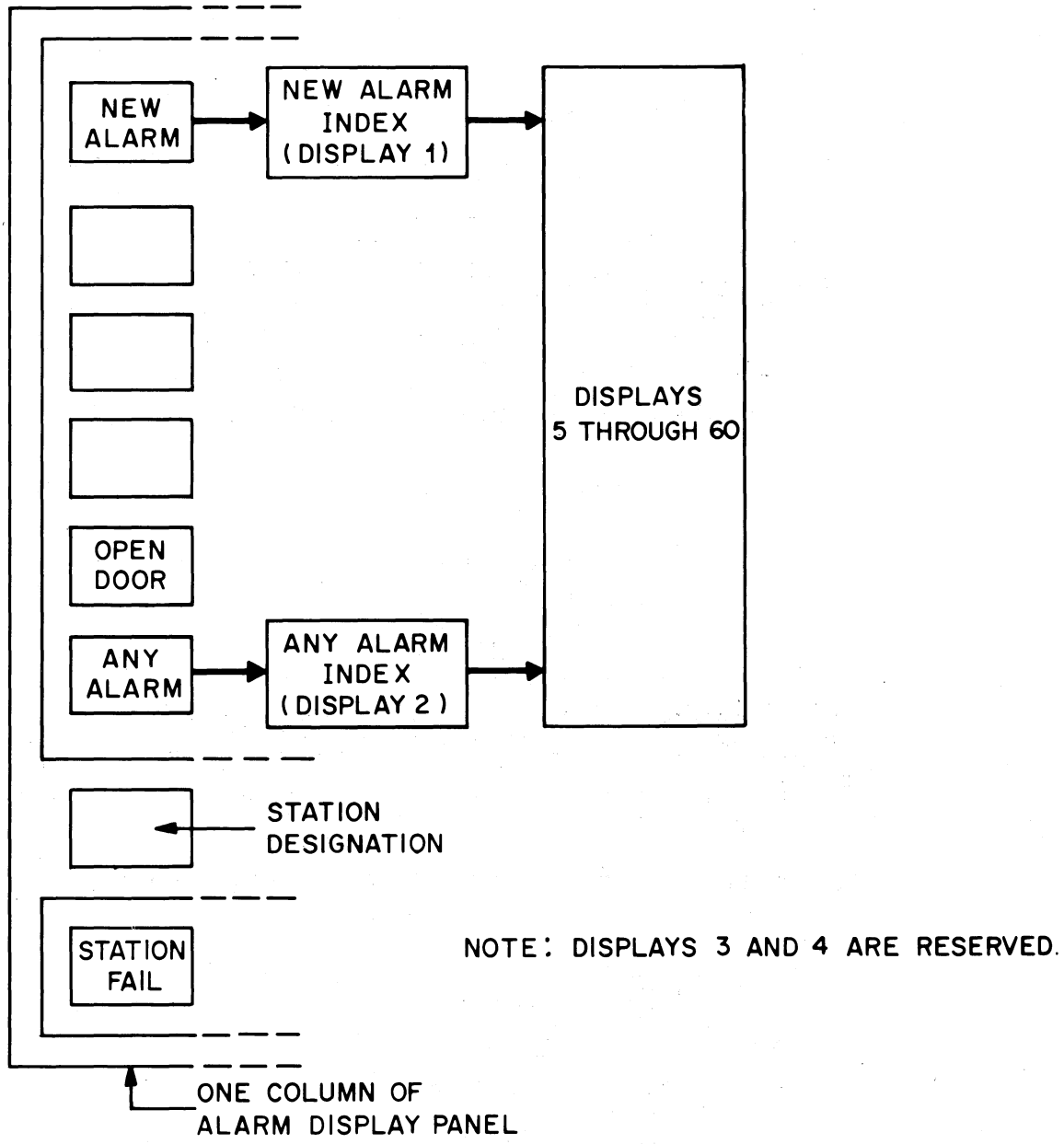


Fig. 2—Operation Block Diagram

(a) Common control for communicating with remote stations.

(b) Alarm display panels.

(c) Status group report and remote switch control panel.

(d) Retractable writing shelf.

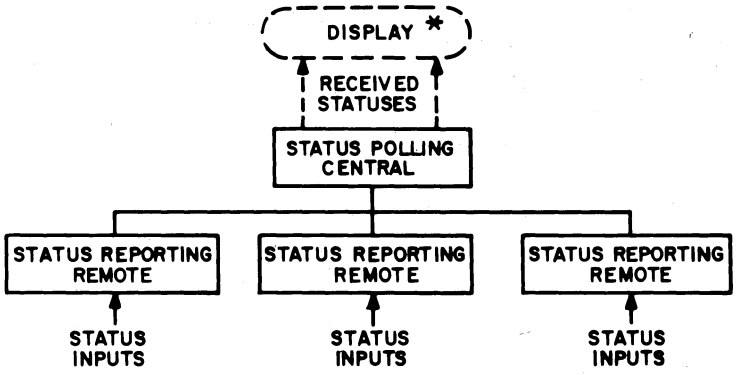
(e) Spare circuit packs.

The remainder of the space in the bay is for additional J92618 units to meet specific requirements of each installation as provided in the list structure.

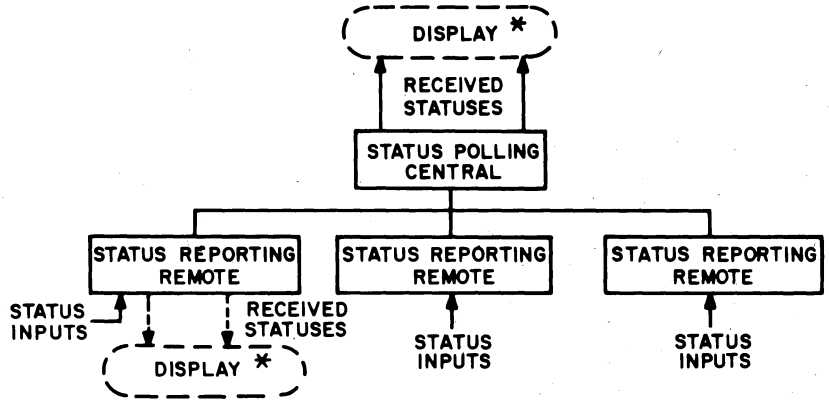
Remote Station Equipment

1.12 A remote station bay is shown in Fig. 7. List 1 for the three bay sizes is identical and provides for a basic remote station with indexing, displays, and two switch blocks. Additional lists are provided to meet most installation requirements.

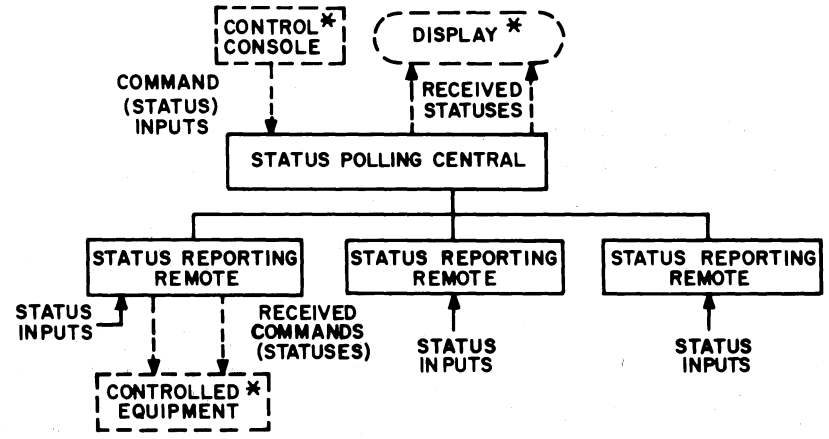
1.13 A remote expansion bay is shown in Fig. 8. This bay provides for additional displays and switch blocks when office requirements exceed the capacity of a remote bay. The list structure is similar to the remote bay.



STATUS RECEIVING AND DISPLAY AT CENTRAL ONLY



STATUS RECEIVING AND DISPLAY AT CENTRAL AND A REMOTE STATION



STATUS RECEIVING AND COMMAND CAPABILITY AT CENTRAL

* USER SUPPLIED

Fig. 3—Block Diagrams of Status Polling Application

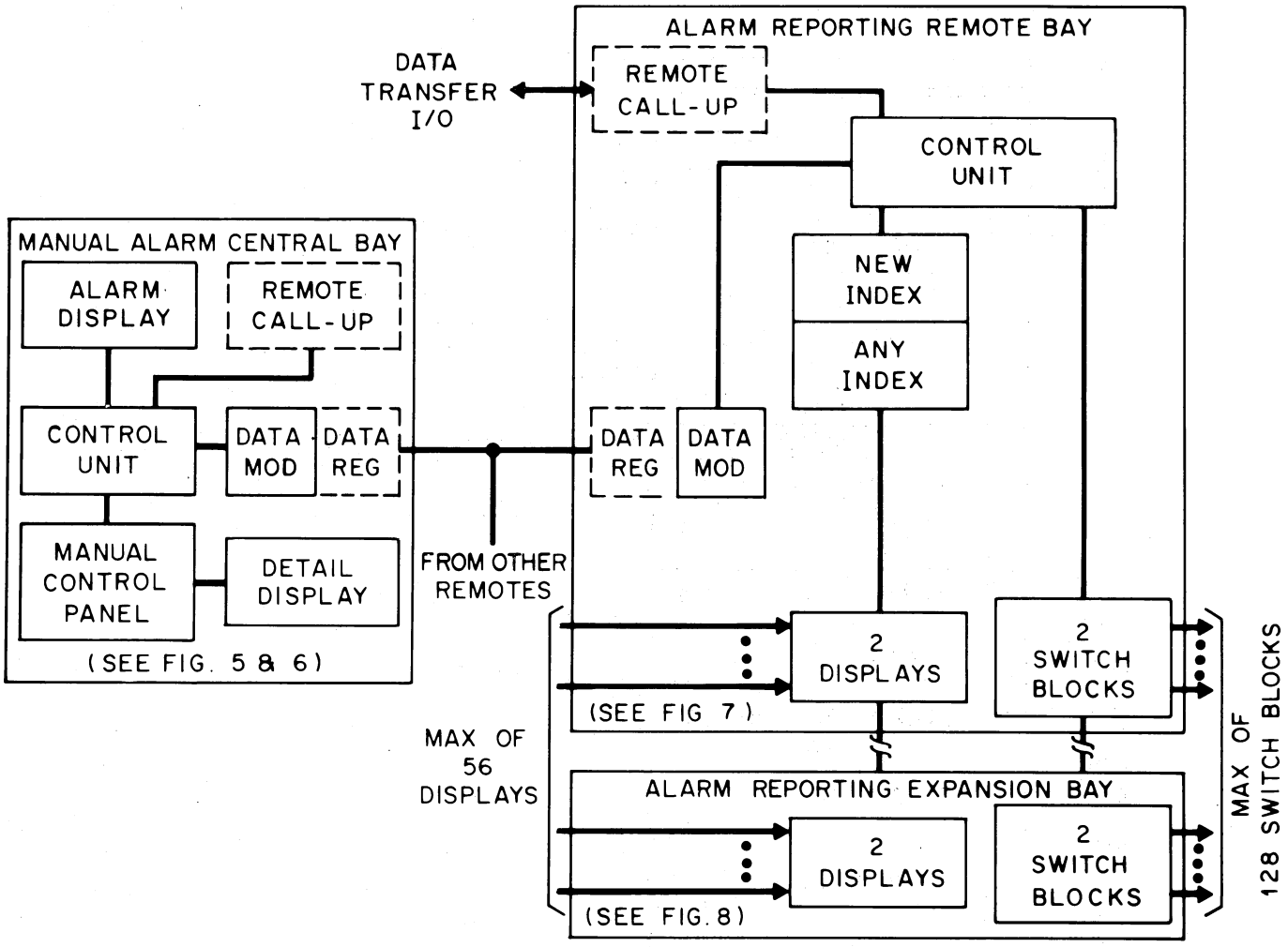


Fig. 4—Alarm Reporting Application Detail Block Diagram

1.14 A remote unit is shown in Fig. 9. This unit provides for a maximum of four displays and two switch blocks. It is intended for mounting in an existing duct-type bay. This unit does not provide for expansion or indexing.

CURRENT DRAIN DATA

1.15 In each central and remote bay, provision has been made in the list structure to provide for the proper number of filter and fuse panels (J92618V) needed for filtering and power distribution. Direct current power must be supplied externally. Voltages required are +24 ±3 volts and -24 ±3 volts at the fuse panels. These tolerances allow standard telephone battery plants or equivalent. Total current drains may be calculated by using Table B for each bay configuration. A separate 0-gauge ground, isolated from frame ground, should be provided in conjunction with the +24 volt supply.

2. SUPPLEMENTARY INFORMATION

801-000-000—General Equipment Requirements—Common Systems
800-600-000—Checking List—General Equipments Requirements
801-609-153—Equipment Units Which May Be Engineered on a Job Basis
201-644-100—E2 Status Reporting and Control System—Overall Description
201-644-110—E2 Status Reporting and Control System—Regenerator
201-644-111—E2 Status Reporting and Control System—Manual Alarm Central
103-117-101—E2 Status Reporting and Control System—Station Test Set
103-117-100—E2 Status Reporting and Control System—Circuit Pack Test Set
201-644-142—E2 Status Reporting and Control System—Remote Call-Up Test Set

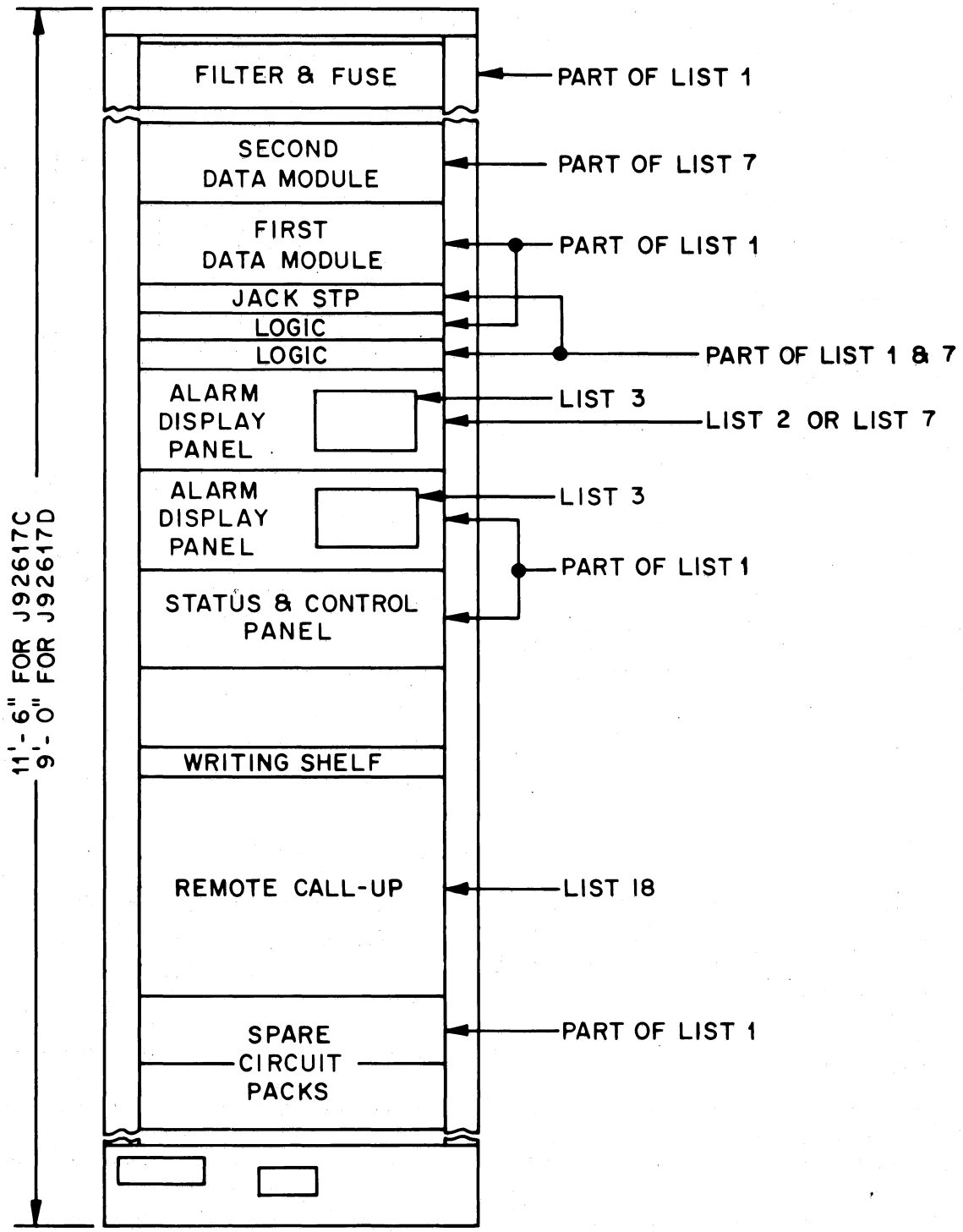


Fig. 5—Manual Alarm Centrals (J92617C and D)

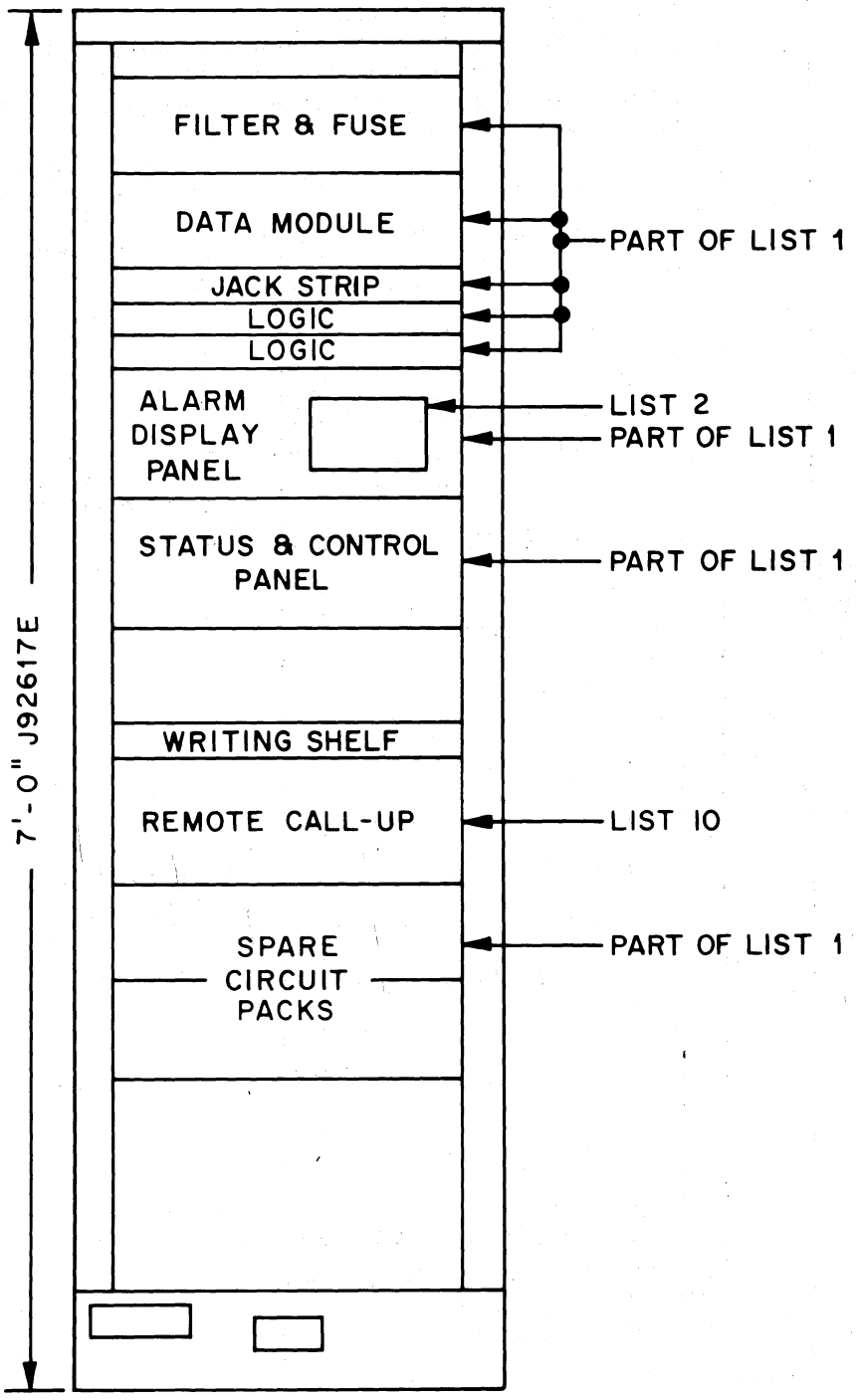


Fig. 6—Manual Alarm Central (J92617E)

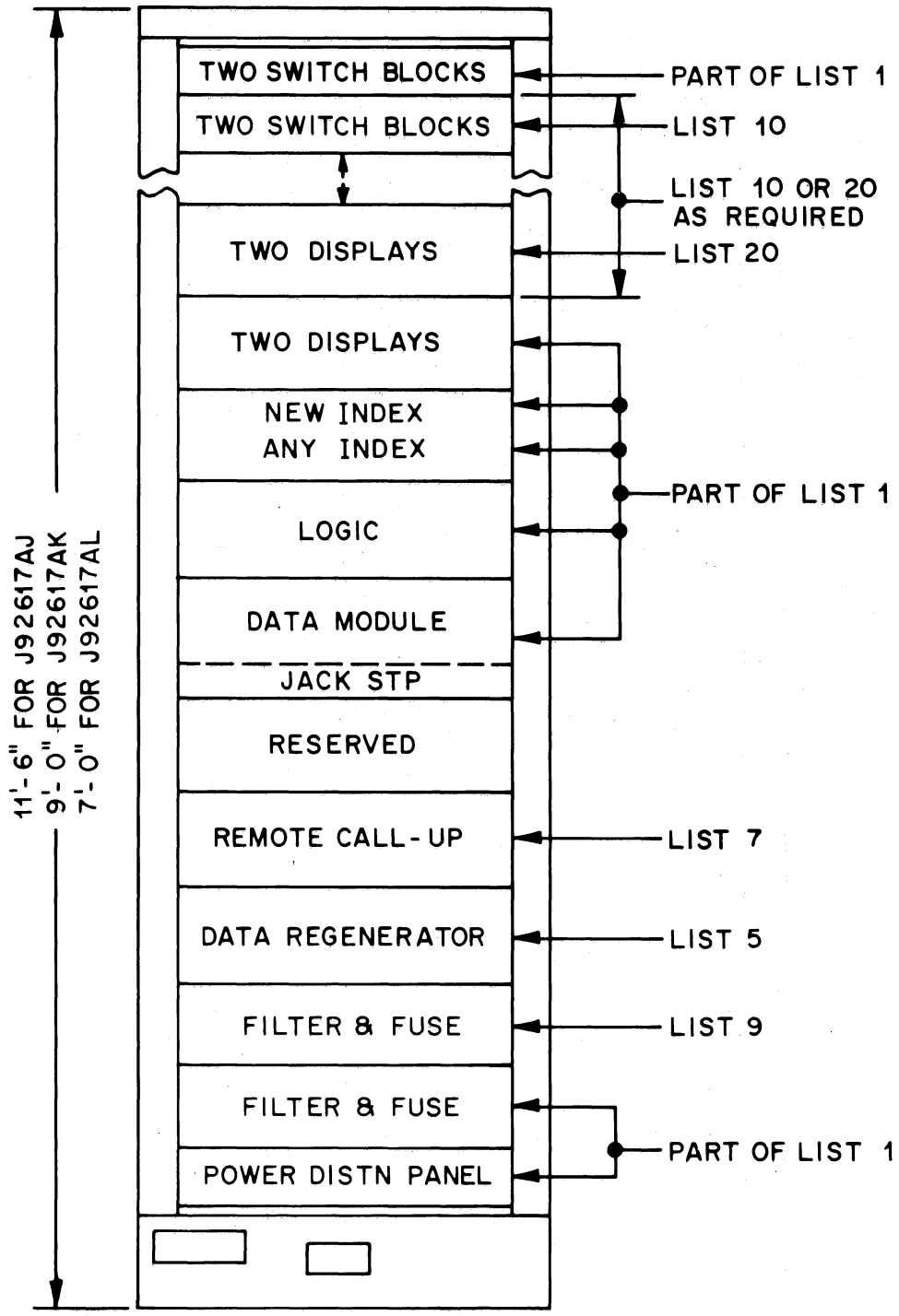


Fig. 7—Alarm Reporting Remote Bays (J92617AJ, AK, and AL)

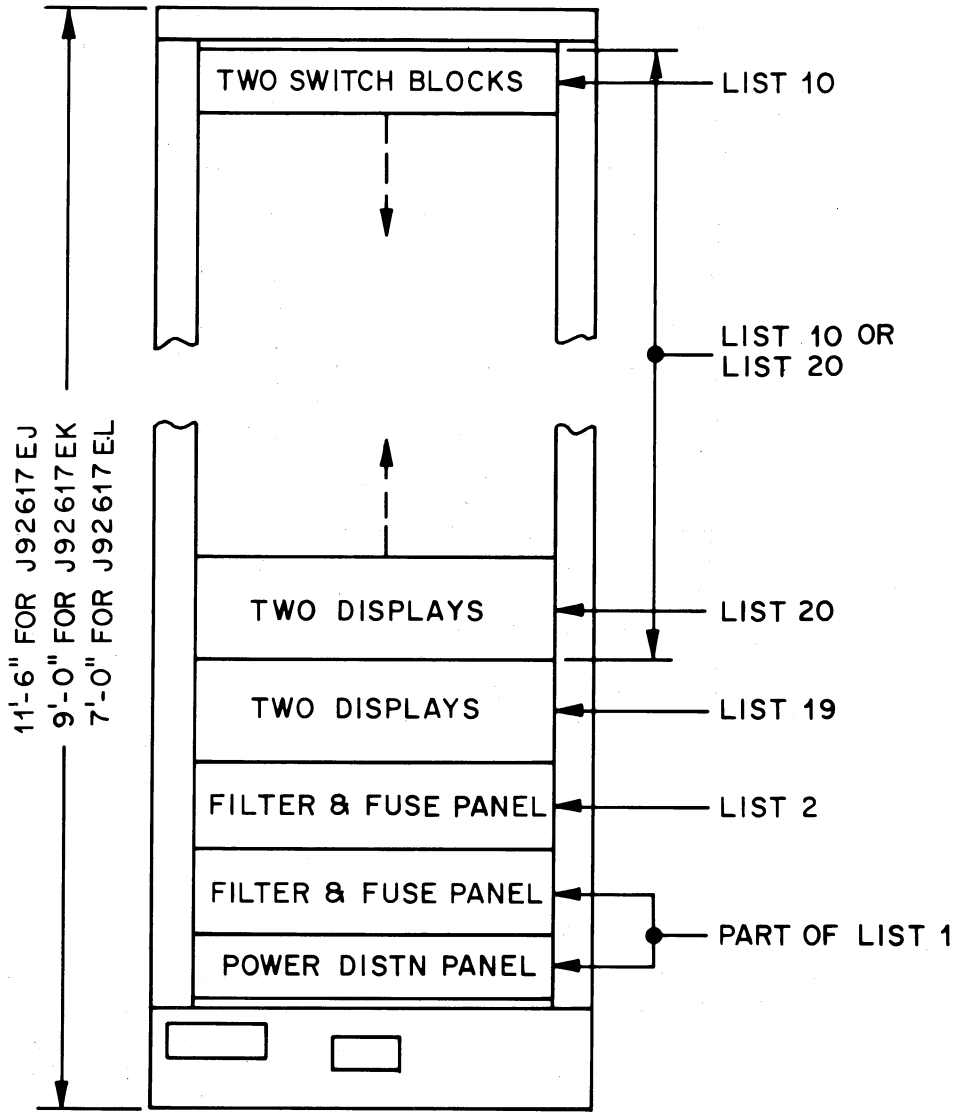


Fig. 8—Alarm Reporting Expansion Bays

201-644-312—E2 Status Reporting and Control System—Manual Alarm Central—Operating Procedures

201-644-501—E2 Status Reporting and Control System—Initial System Trouble Diagnosis

201-644-503—E2 Status Reporting and Control System—Troubleshooting Procedures and Manual Alarm Central

201-644-504—E2 Status Reporting and Control System—Troubleshooting Procedures—Remote Station Operating Procedures

201-644-510—E2 Status Reporting and Control System—Regenerator

201-644-511—E2 Status Reporting and Control System—Remote

201-644-513—E2 Status Reporting and Control System—Troubleshooting Procedures—Status Polling Central

201-644-550—E2 Status Reporting and Control System—Circuit Pack Tests

J92618—801-609-153—E2 Status Reporting and Control System Equipment Units

J92619—801-609-154—E2 Status Reporting and Control System Automated E Terminal

X-77954—Manufacturing Testing Requirements for E2 Status Reporting and Control System Data Transmission Circuit Packs

X-77957—Manufacturing Testing Requirements for E2 Status Reporting and Control System Data Transmission Bay Test

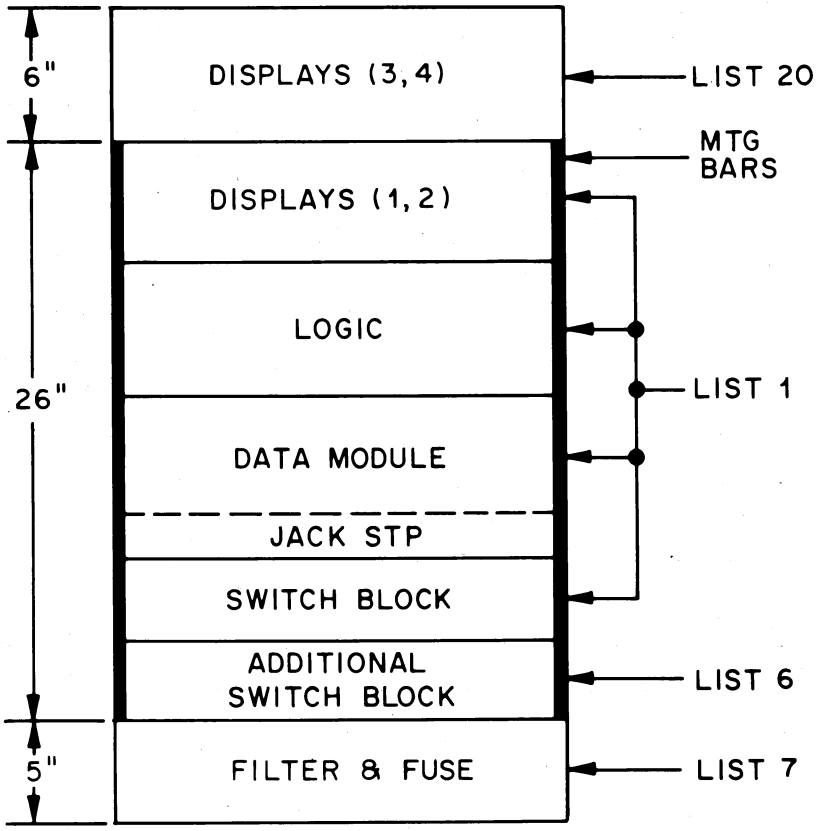


Fig. 9—Alarm Reporting Remote Unit (J92617AA)

X-77960—Manufacturing Testing Requirements for E2 Status Reporting and Control System
X-77961—Manufacturing Testing Requirements for E2 Common System—E2 Status Reporting and Control System Central Station
X-77962—Manufacturing Testing Requirements for the E2 Status Reporting and Control System Remote Station
Current Drain Data—See 1.15

3. DRAWINGS

WE J drawings should be ordered by referring to the prefix and base number and requesting the current dash (-) number.

Equipment

J92617C-( )—11-Foot 6-Inch Central Station 8-by-8 Display Bay
J92617D-( )—9-Foot 0-Inch Central Station 4-by-16 Display Bay
J92617E-( )—7-Foot 0-Inch Central Station 4-by-16 Display Bay
J92617J-( )—11-Foot 6-Inch Remote Office Bay
J92617K-( )—9-Foot 0-Inch Remote Office Bay
J92617L-( )—7-Foot 0-Inch Remote Office Bay
J92617AA-( )—Alarm Reporting Remote Unit
J92617AJ-( )—Alarm Reporting Remote Bay (11 Feet 6 Inches)
J92617AK-( )—Alarm Reporting Bay (9 Feet)
J92617AL-( )—Alarm Reporting Bay (7 Feet)
J92617EJ-( )—Alarm Reporting Expansion Bay (11 Feet 6 Inches)
J92617EK-( )—Alarm Reporting Expansion Bay (9 Feet)
J92617EL-( )—Alarm Reporting Expansion Bay (7 Feet)

Equipment Framework

ED-97170-50—Equipment Framework Assembly
ED-97162-51—Equipment Framework Assembly

Power and Grounding

ED-1C409-( )—Power Distribution Panel
SD-1C314-01—Filter, Fuse, and Grounding Circuit

Standard Assignment Drawings

ED-1C730-10—Assignment of Alarms, Indications, and Remote Switches for the 96-Channel PCM Bank Circuits, Type D2
ED-2C000-10—Assignment of Alarms, Indications, and Remote Switches for the Digital Multiplex/Demultiplex Type M1-2
ED-3C401-10—Short Haul Radio Systems
ED-51475-10—Assignment of Alarms, Indications, and Remote Switches for T4-3 Medium Haul Systems
ED-51476-10—Assignment of Alarms, Indications, and Remote Switches for Long Haul Radio Stations
ED-51581-10—Application of Interconnection Between MMX-2 Terminals and E2 Status Reporting and Control Systems
ED-51583-10—Applications of Interconnection Between L4 Line Equipment, L4 Protection Switching System, and E2 Status Reporting and Control System
ED-52018-10—Application of Interconnections Between L5 Transmission System and E2 Status Reporting and Control System

4. EQUIPMENT

The equipment listed in this section is grouped by function rather than by code for the selection of bays. The order of groups is:

(a) Manual Alarm Central Bays

(1) J92617C

(2) J92617D

(3) J92617E

(b) Remote Station Bays

(1) J92617J

(2) J92617K

(3) J92617L

(4) J92617AJ

(5) J92617AK

(6) J92617AL

(c) Expansion Bays

(1) J92617EJ

(2) J92617EK

(3) J92617EL

(d) Remote Office Unit

(1) J92617AA

Manual Alarm Central Bays

J92617C—AT&TCo Std—11-Foot 6-Inch Central Station 8-by-8 Display Bay

List 1—Framework, assembly, and common equipment required for one manual alarm central. This central can monitor up to 32 remotes via the display reporting mode and control them via the remote switching mode. display the alarm poll response from remotes 1 through 8 on the first data network. Equipment is provided for storing the spare circuit packs which are included as part of the various lists.

	WIRE	EQUIP	NOTES
J92618J,L1, Basic Central Shelf		1	
J92618K,L1, Alarm Display Panel		1	
J92618M,L1, Console Interface Panel		1	
J92618N,L1, Alarm Display Clear Panel		1	
J92618P,L1, Status Display and Control Panel		1	
J92618V,L1, L2, and L3, Filter and Fuse Panel		1	A

List 2—Assembly and equipment required in addition to list 1 when remotes 17 through 24 are added to the first data network. This equipment displays the alarm poll response from these remotes. (See Note B.)

	WIRE	EQUIP	NOTES
J92618J,L6, Circuit Packs		1	
J92618K,L1, Alarm Display Panel		1	

List 3—Assembly and equipment required in addition to list 1 when remotes 9 through 16 are added to the first data network; or in addition to lists 1, 2, and 3 when remotes 25 through 32 are added to the first data network; or in addition to lists 1 and 7 when remotes 9 through 16 are added to the second data network. This equipment displays the alarm poll response from these remotes.

	WIRE	EQUIP	NOTES
J92618K,L2, Alarm Display Module II		1	

List 5—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618J,L4, Circuit Packs		1	C

List 6—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618J,L5, Circuit Packs		1	C

List 7—Assembly and equipment required in addition to list 1 to provide for alarm reporting and display of the alarm poll response from remotes 1 through 8 on a second data network. (See Note B.)

	WIRE	EQUIP	NOTES
J92618H,L1, Data Facility Shelf		1	
J92618J,L8, Additional Facility		1	
J92618K,L1, Alarm Display Panel		1	
J92168N,L2, Alarm Display		1	

List 9—Equipment required in addition to list 7 for a data set and clock card to provide wideband channel 8W at a 150-bps data rate on the second data network.

	WIRE	EQUIP	NOTES
J92618H,L4, Circuit Packs		1	D

List 10—Equipment required in addition to list 7 for a data set and clock card to provide wideband channel 4W at a 150-bps data rate on the second data network.

	WIRE	EQUIP	NOTES
J92168H,L5, Circuit Packs		1	D

List 14—Equipment required in addition to list 1 to provide data set and clock circuit pack cards for 600 bps operation in a multipoint network.

	WIRE	EQUIP	NOTES
J92618J,L10, Basic Central Station Shelf		1	E, F

List 15—Equipment required in addition to list 7 to provide data set and clock circuit pack cards for 600 bps operation in a multipoint network for second data facility.

	WIRE	EQUIP	NOTES
J92618H,L7, Central Station Data Facility Shelf		1	E, F

List 16—Equipment required in addition to list 1 to provide 600 bps data set and clock circuit pack cards to be used with a 4-way 4-wire bridge for transfer of information between remote stations using the remote call-up feature.

	WIRE	EQUIP	NOTES
J92618J,L11, Basic Central Station Shelf		1	G

List 17—Equipment required in addition to list 1 to provide a second ±24V filter and fuse panel.

	WIRE	EQUIP	NOTES
J92618V,L17, Filter and Fuse Panel		1	H

List 18—Equipment required in addition to list 1 to provide remote call-up data transfer feature.

	WIRE	EQUIP	NOTES
J92618AH,L1, Remote Call-Up Central Control Unit		1	J

Notes

A. The J92618V filter and fuse panel has a maximum capacity of 8 amperes for each of +24V and -24V. Use Table B to determine the bay input power requirements.

B. Either list 2 or list 7 is to be equipped, not both.

C. Only one of lists 5 and 6 may be equipped.

D. Only one of lists 9 and 10 may be equipped.

E. Do not specify when remote call-up feature (list 18) is being used.

F. Do not specify when list 16 is being used.

G. Do not specify when list 14 or list 15 is being used.

H. Always required when list 7 is being used.

J. When remote call-up feature is specified, list 16 must also be used and list 7 shall not be specified.

J92617D—AT&TCo Std—9-Foot 0-Inch Central Station 4-by-16 Display Bay

List 1—Framework, assembly, and common equipment required for one manual alarm central. This central can monitor up to 32 remotes via the display reporting mode and control them via the remote switching mode. This central can display the alarm poll response from remotes 1 through 8 on the first data network. Equipment is provided for storing the spare circuit packs which are included as part of the various lists.

	WIRE	EQUIP	NOTES
J92618J,L1, Basic Central Shelf		1	
J92618K,L1, Alarm Display Panel		1	
J92618M,L1, Console Interface Panel		1	
J92618N,L1, Alarm Display Clear Panel		1	
J92618P,L1, Status Display and Control Panel		1	
J92618V,L1, L2, and Filter and Fuse Panel		1	A

List 2—Assembly and equipment required in addition to list 1 when remotes 17 through 24 are added to the first data network. This equipment displays the alarm poll response from these remotes. (See Note B.)

	WIRE	EQUIP	NOTES
J92618J,L6, Circuit Packs		1	
J92618K,L1, Alarm Display Panel		1	

List 3—Assembly and equipment required in addition to list 1 when remotes 9 through 16 are added to the first data network; or in addition to lists 1, 2, and 3 when remotes 25 through 32 are added to the first data network; or in addition to lists 1 and 7 when remotes 9 through 16 are added to the second data network. This equipment displays the alarm poll response from these remotes.

	WIRE	EQUIP	NOTES
J92618K,L2, Alarm Display Module II		1	

List 5—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618J,L4, Circuit Packs		1	C

List 6—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618J,L5, Circuit Packs		1	C

List 7—Assembly and equipment required in addition to list 1 to provide for alarm reporting and display of the alarm poll response from remotes 1 through 8 on a second data network. (See Note B.)

	WIRE	EQUIP	NOTES
J92681H,L1, Data Facility Shelf		1	
J92618J,L8, Additional Facility		1	
J92618K,L1, Alarm Display Panel		1	
J92618N,L2, Alarm Display		1	

List 9—Equipment required in addition to list 7 for a data set and clock card to provide wideband channel 4W at a 150-bps data rate on the second data network.

	WIRE	EQUIP	NOTES
J92618H,L4, Circuit Packs		1	D

List 10—Equipment required in addition to list 7 for a data set and clock card to provide wideband channel 8W at a 150-bps data rate on the second data network.

	WIRE	EQUIP	NOTES
J92618H,L5, Circuit Packs		1	D

List 14—Equipment required in addition to list 1 to provide data set and clock circuit pack cards for 600 bps operation in a multipoint network.

	WIRE	EQUIP	NOTES
J92618J,L10, Basic Central Station Shelf		1	E, F

List 15—Equipment required in addition to list 7 to provide data set and clock circuit pack cards for 600 bps operation in a multipoint network for second data facility.

	WIRE	EQUIP	NOTES
J92618H,L7, Central Station Data Facility Shelf		1	E, F

List 16—Equipment required in addition to list 1 to provide 600 bps data set and clock circuit pack cards to be used with a 4-way 4-wire bridge for transfer of information between remote stations using the remote call-up feature.

	WIRE	EQUIP	NOTES
J92618J,L11, Basic Central Station Shelf		1	G

List 17—Equipment required in addition to list 1 to provide a second ±24V filter and fuse panel.

	WIRE	EQUIP	NOTES
J92618V,L17, Filter and Fuse Panel		1	H

List 18—Equipment required in addition to list 1 to provide remote call-up data transfer feature.

	WIRE	EQUIP	NOTES
J92618AH,L1, Remote Call-Up Central Control Unit		1	J

Notes

A. The J92618V filter and fuse panel has a maximum capacity of a 8 amperes for each of +24V and -24V. Use Table B to determine the bay input power requirements.

B. Either list 2 or list 7 is to be equipped, not both.

C. Only one of lists 5 and 6 may be equipped.

D. Only one of lists 9 and 10 may be equipped.

E. Do not specify when remote call-up feature (list 18) is being used.

F. Do not specify when list 16 is being used.

G. Do not specify when list 14 or list 15 is being used.

H. Always required when list 7 is being used.

J. When remote call-up feature is specified, list 16 must also be used and list 7 shall not be specified.

J92617E—AT&TCo Std—7-Foot 0-Inch Central Station 4-by-16 Display Bay

List 1—Framework, assembly and common equipment required for one manual alarm central. This central can monitor up to 32 remotes via the display reporting mode and control them via the remote switching mode. It can also display the alarm poll response from remotes 1 through 8 on the first data network. Equipment is provided for storing the spare circuit packs which are included as part of the various lists.

	WIRE	EQUIP	NOTES
J92618J,L1, Basic Central Shelf		1	
j92618K,L1, Alarm Display Panel		1	
J92618M,L1, Console Interface Panel		1	
J92618N,L1, Alarm Display Clear Panel		1	
J92618P,L1, Status Display and Control panel		1	
J92618V,L1, L2, and L3 Filter and Fuse Panel		1	A

List 2—Assembly and equipment required in addition to list 1 when remotes 9 through 16 are added to the data network. This equipment displays the alarm poll response from these remotes.

	WIRE	EQUIP	NOTES
J92618K,L2, Alarm Display Module II		1	

List 4—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618J,L4, Circuit Packs		1	B

List 5—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618J,L5, Circuit Packs		1	B

List 8—Equipment required in addition to list 1 to provide data set and a clock circuit pack cards for 600 bps operation in a multipoint network.

	WIRE	EQUIP	NOTES
J92618J,L10 Basic Central Station Shelf		1	C, D

List 9—Equipment required in addition to list 1 to provide 600 bps data set and clock circuit pack cards to be used with a 4-way 4-wire bridge for transfer of information between remote stations using the remote call-up feature.

	WIRE	EQUIP	NOTES
J92618J,L11, Basic Central Station Shelf		1	E

List 10—Equipment required in addition to list 1 to provide remote call-up data transfer feature.

	WIRE	EQUIP	NOTES
J92618AH,L1, Remote Call-Up Central Control Unit		1	F

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and -24V. Use Table B to determine the input power requirements.

B. Only one of lists 4 and 5 may be equipped.

C. Do not specify when remote call-up feature (list 10) is being used.

D. Do not specify when list 9 is being used.

E. Do not specify when list 8 is being used.

F. When remote call-up feature is specified, list 9 must also be used.

Remote Station Bays

J92617J—A&M Only—11-Foot 6-Inch Remote Office Bay

List 3—Wiring and equipment required, in addition to list 1 and list 2, for one 1/32 remote switch selector panel to provide for the first 32 momentary remote switches if 32 or less remote switches are required, or to provide a remote switch bus driver (thus providing no momentary remote switches) when more than 32 momentary remote switches are required.

	WIRE	EQUIP	NOTES
J92618A,L10, Circuit Packs		1	
J92618F,L1, Remote Switch Selector		1	
J92618V,L6, Fuse		1	

List 5—Equipment required in addition to lists 1 and 2 for one 128 two-state status input panel to provide for selecting 4 odd and 4 even status subgroups of 16 two-state status indications.

	WIRES	EQUIP	NOTES
J92618E,L1, Status Input Panel		1	A

List 6—Equipment required in addition to lists 1, 2, and 3 for one 64-remote switch expander panel to provide for the selection of a momentary remote switch contained in one of two pairs of two remote switch subgroups (four subgroups total). Each subgroup contains 16 momentary remote switches. Each pair of two remote switch subgroups above contains a consecutive odd and even subgroup.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	A

List 8—Equipment required in addition to list 2 to provide a data regenerator panel which allows a large E2 data network to be subdivided into smaller networks to aid engineering in meeting transmission requirements.

	WIRE	EQUIP	NOTES
J92618R,L1 and L2, Data Regenerator		1	
J92618V,L12, Fuse		1	

List 10—Equipment required in addition to list 2 to provide a remote call-up unit which provides data transfer to and from a single-serial input-output device.

	WIRE	EQUIP	NOTES
J92618AF,L1, Remote Call-Up Unit		1	

List 11—Unassigned.

List 12—Equipment required in addition to list 8 to provide for expansion to one additional direction.

	WIRE	EQUIP	NOTES
J92618R,L2, Circuit Packs		1	B

Notes

A. Select the proper proportion of lists 5 (status inputs) and lists 6 (remote switch) from Table C to fully equip a bay.

B. A maximum of six lists 12 may be equipped.

J92617K—A&M Only—9-Foot 0-Inch Remote Office Bay

List 3—Equipment required in addition to lists 1 and 2 for one 1/32 remote switch selector panel to provide for the first 32 momentary remote switches if 32 or less remote switches are required, or to provide a remote switch bus driver (thus providing no momentary remote switches) when more than 32 momentary remote switches are required.

	WIRE	EQUIP	NOTES
J92618A,L10, Circuit Packs		1	
J92618F,L1, Remote Switch Selector		1	
J92618V,L6, Fuse		1	

List 5—Equipment required in addition to lists 1 and 2 for one 128 two-state status input panel to provide for selecting 4 odd and 4 even status subgroups of 16 two-state status indications.

	WIRE	EQUIP	NOTES
J92618E,L1, Status Input Panel		1	A

List 6—Equipment required in addition to lists 1, 2, and 3 for one 64-remote switch expander panel to provide for the selection of a momentary remote switch contained in one of two pairs of two remote switch subgroups (four subgroups total). Each subgroup contains 16 momentary remote switches. Each pair of two remote switch subgroups above contains a consecutive odd and even subgroup.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	A

List 8—Equipment required in addition to list 2 to provide a data regenerator panel which allows a large E2 data network to be subdivided into smaller networks to aid engineering in meeting transmission requirements.

	WIRE	EQUIP	NOTES
J92618R,L1 and L2, Data Regenerator		1	
J92618V,L12, Fuse		1	

List 10—Equipment required in addition to list 2 to provide a remote call-up unit which provides data transfer to and from a single-serial input-output device.

	WIRE	EQUIP	NOTES
J92618AF,L1, Remote Call-Up Unit		1	

List 11—Unassigned.

List 12—Equipment required in addition to list 8 to provide for expansion to one additional direction.

	WIRE	EQUIP	NOTES
J92618R,L2, Circuit Packs		1	B

Notes

A. Select the proper proportion of lists 5 (status inputs) and lists 6 (remote switch) from Table C to fully equip a bay.

B. A maximum of six lists 12 may be equipped.

J92617L—A&M Only—7-Foot 0-Inch Remote Office Bay

List 3—Equipment required in addition to lists 1 and 2 for one 1/32 remote switch selector panel to provide for the first 32 momentary remote switches if 32 or less remote switches are required, or to provide a remote switch bus driver (thus providing no momentary remote switches) when more than 32 momentary remote switches are required.

	WIRE	EQUIP	NOTES
J92618A,L10, Circuit Packs		1	
J92618F,L1, Remote Switch Selector		1	
J92618V,L6, Fuse		1	

List 5—Equipment required in addition to lists 1 and 2 for one 128 two-state status input panel to provide for selecting 4 odd and 4 even status subgroups of 16 two-state status indications.

	WIRE	EQUIP	NOTES
J92618E,L1, Status Input Panel		1	A !

List 6—Equipment required in addition to lists 1, 2, and 3 for one 64-remote switch expander panel to provide for the selection of a momentary remote switch contained in one of two pairs of two remote switch subgroups (four subgroups total). Each subgroup contains 16 momentary remote switches. Each pair of two remote switch subgroups above contains a consecutive odd and even subgroup.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	A

List 8—Equipment required in addition to list 2 to provide a data regenerator panel which allows a large E2 data network to be subdivided into smaller networks to aid engineering in meeting transmission requirements.

	WIRE	EQUIP	NOTES
J92618R,L1 and L2, Data Regenerator		1	
J92618V,L12, Fuse		1	

List 10—Equipment required in addition to list 2 to provide a remote call-up unit which provides data transfer to and from a single-serial input-output device.

	WIRE	EQUIP	NOTES
J92618AF,L1, Remote Call-Up Unit		1	

List 11—Unassigned.

List 12—Equipment required in addition to list 8 to provide for expansion to one additional direction.

	WIRE	EQUIP	NOTES
J92618R,L2, Circuit Packs		1	B

Notes

A. Select the proper proportion of lists 5 (status inputs) and lists 6 (remote switch) from Table C to fully equip a bay.

B. A maximum of six lists 12 may be equipped.

J92617AJ—AT&TCo Std—Alarm Reporting Remote Bay (11 Feet 6 Inches)

List 1—Framework, assembly, and equipment for an alarm reporting bay with a basic capability of a new index display, any index display, and 2 status displays (64 status inputs each) and 2 switch blocks (32 switches each).

	WIRE	EQUIP	NOTES
J92618A,L1, L8, L9, and L10, Basic Remote Office Shelf		1	
J92618D,L1, Supplementary Control Shelf		1	
J92168E,L1, Status Input Panel		1	B
J92618F,L1, Remote Switch Selector Panel		1	
J92618G,L1, Switch Expander Panel		1	C
J92618V,L14, Filter and Fuse Panel		1	A
J92618AS,L1, Alarm and Status Input Panel		1	D

List 3—Equipment required in addition to list 1 to provide a data set and clock for wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L5, Jacks, Clock, and Data Set		1	E

List 4—Equipment required in addition to list 1 to provide a data set and clock for wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L6, Jacks, Clock, and Data Set		1	E

List 5—Equipment required in addition to list 1 to provide a data regenerator with a data set, clock for 600-bps data rate, and two directions of transmission.

	WIRE	EQUIP	NOTES
J92618A,L2 and L7, Circuit Packs		1	E, F
J92618R,L1, Data Regenerator		1	E, F

List 6—Equipment required in addition to list 5 to provide the data regenerator with one additional transmission directional capability.

	WIRE	EQUIP	NOTES
J92618R,L2, Circuit Packs		1	J

List 7—Equipment required in addition to list 1 to provide a remote call-up unit. for data transfer with one serial input-output device.

	WIRE	EQUIP	NOTES
J92618AF,L1, Remote Call-Up Data Transfer		1	

List 8—Equipment required in addition to list 7to provide a buffer shelf in the remote call-up data transfer shelf.

	WIRE	EQUIP	NOTES
J92618AF,L2, Remote Call-Up Data Transfer Shelf		1	M, N

List 9—Equipment required in addition to list 1 to provide for filter and fusing when more than three lists 20 are equipped in a bay.

	WIRE	EQUIP	NOTES
J92618V,L15, Filter and Fuse Panel		1	A

List 10—Equipment required in addition to list 1 to provide for additional switch blocks at 2 blocks (64 switches) per shelf.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	C, G

List 11—A&M Only—Equipment required in addition to list 1 to provide a data set and clock card to provide wideband channel 7W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L11, Circuit Packs		1	E

List 12—Equipment required in addition to list 1 to provide data set and clock circuit pack cards for 600 bps operation in a multipoint network.

	WIRE	EQUIP	NOTES
J92618A,L12, Basic Remote Office Shelf		1	K

List 13—Equipment required in addition to list 1 to provide 600 bps data set and clock circuit pack cards to be used with a 4-way 4-wire bridge for transfer of information between remote stations using the remote call-up feature.

	WIRE	EQUIP	NOTES
J92618A,L13, Basic Remote Office Shelf		1	L

Lists 14 Through 19—Unassigned.

List 20—Equipment required in addition to list 1 to provide for 2 additional status displays (64 status inputs each).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2, Alarm and Status Input Panel		1	D, G

List 21—Equipment required in addition to list 1 or 20 when a total of two miscellaneous type status displays per panel is desired. This requires installer wiring and proper selection of lists 22, 23, and 24. This list should be used only if the standard assignment alarmed display lists are not available.

	WIRE	EQUIP	NOTES
J92618AS,L21, Misc Type Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	H

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms with memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Packs		1	H

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	I

List 25—Equipment required in the last list 20 in the bay only when an expansion bay (J92617EJ) is part of this installation.

	WIRE	EQUIP	NOTES
J92618AS,L25, Cable Driver		1	

Lists 26 and 27—Unassigned.

Lists 28 Through 93—Refer to Table C for selecting a standard interconnect assignment display as required.

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and -24V. Use Table B to determine the input power requirements.

B. This status input panel provides the NEW ALARM index display No. 1 and the ANY ALARM index display No. 2.

C. This switch expander panel provides 2 switch blocks (32 switches each).

D. This alarm and status input panel provides 2 displays (64 status inputs each). The additional equipment required for display A (circuit 1) and/or display B (circuit 2) on this panel is specified by the proper selection of the standard assignment display lists (lists 28 through 93). The assigned display numbers must be from the range 5 through 60. A display number can be used only once at a remote.

E. Only one of lists 5 or 11 may be equipped.

F. A data regenerator should not be ordered unless specifically requested by the telephone company in conjunction with overall planning and data network engineering.

G. Table D shows the maximum number of lists 10 or lists 20 which may be equipped in addition to list 1. When both are equipped, a tradeoff must be made. When the remote requires more switch blocks and displays than this bay can provide, specify an alarm reporting expansion bay.

H. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm and status input must be four or less. The combined quantity for display B is also four or less. See Table A.

I. A single unipolar detector is provided for display A and display B as part of list 21. The quantity of lists 24 to equip list 21 may be one for display A and one for display B.

J. A maximum of six lists 6 may be equipped.

K. Do not specify when using remote call-up data transfer or when using lists 4, 5, 6, 11, or 13.

L. Do not specify with lists 4, 5, 6, 11, or 12.

M. J92618AF,L2 is identical to J92618AF,L1 and in addition contains a J92618AG buffer for use when the I/O device is located a distance from the E2 bay of greater than 25 feet. (When a buffer unit is used in the J92618AF panel, an identical buffer unit is required in the I/O device.)

N. When the remote call-up feature is desired, either list 7 or list 8 is required but not both.

Expansion Bays

J92617AK—AT&TCo Std—Alarm Reporting Bay (9 Feet)

List 1—Framework, assembly, and equipment for an alarm reporting remote bay with a basic capability of a new index display, any index display, 2 status displays (64 status inputs each), and 2 switch blocks (32 switches each).

	WIRE	EQUIP	NOTES
J92618A,L1, L8, L9, and L10, Basic Remote Office Shelf		1	
J92618D,L1, Supplementary Control Shelf		1	
J92618E,L1, Status Input Panel		1	B
J92618F,L1, Remote Switch Selector Panel		1	
J92618G,L1, Switch Expander Panel		1	C
J92618V,L14, Filter and Fuse Panel		1	A
J92618AS,L1, Alarm and Status Input Panel		1	D

List 3—Equipment required in addition to list 1 to provide a data set and clock for wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J91628A,L2 and L5, Jacks, Clock, and Data Set		1	E

List 4—Equipment required in addition to list 1 to provide a data set and clock for wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L6, Jacks, Clock, and Data Set		1	E

List 5—Equipment required in addition to list 1 to provide a data regenerator with a data set and clock for a 600-bps data rate and two directions of transmission.

	WIRE	EQUIP	NOTES
J92618A,L2 and L7, Circuit Packs		1	E, F
J92618R,L1, Data Regenerator		1	E, F

List 6—Equipment required in addition to list 5 to provide the data regenerator with one additional transmission directional capability.

	WIRE	EQUIP	NOTES
J92618R,L2, Circuit Packs		1	J

List 7—Equipment required in addition to list 1 to provide a remote call-up unit for data transfer with one serial input-output device.

	WIRE	EQUIP	NOTES
J92618AF,L1, Remote Call-Up Data Transfer Unit		1	

List 8—Equipment required in addition to list 7 to provide a buffer shelf in the remote call-up data transfer shelf.

	WIRE	EQUIP	NOTES
J92618AF,L2 Remote Call-Up Data Transfer Shelf		1	M, N

List 9—Equipment required in addition to list 1 to provide for filter and fusing when more than three lists 20 are equipped in a bay.

	WIRE	EQUIP	NOTES
J92618V,L15, Filter and Fuse Panel		1	A

List 10—Equipment required in addition to list 1 to provide for additional switch blocks at 2 blocks (64 switches) per shelf.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	C, G

List 11—A&M Only—Equipment required in addition to list 1 to provide a data set and clock card to provide wideband channel 7W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L11, Circuit Packs		1	E

List 12—Equipment required in addition to list 1 to provide data set and clock circuit pack cards for 600 bps operation in a multipoint network.

	WIRE	EQUIP	NOTES
J92618A,L12, Basic Remote Office Shelf		1	K

List 13—Equipment required in addition to list 1 to provide 600 bps data set and clock circuit pack cards to be used with a 4-way 4-wire bridge for transfer of information between remote stations using the remote call-up feature.

	WIRE	EQUIP	NOTES
J92618A,L13, Basic Remote Office Shelf		1	L

Lists 14 Through 19—Unassigned.

List 20—Equipment required in addition to list 1 to provide for additional status displays (64 status inputs each).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2 Alarm and Status Input Panel		1	D, G

List 21—Equipment required in addition to list 1 or 20 when two miscellaneous-type status displays per panel are desired. This requires installer wiring and proper selection of lists 22, 23, and 24. This list should be used only if the standard assignment alarmed display lists are not available.

	WIRE	EQUIP	NOTES
J92618AS, L21, Misc Type Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms with memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Pack		1	H

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	I

List 25—Equipment required in the last list 20 in the bay only when an expansion bay (J92617EK) is part of this installation.

	WIRE	EQUIP	NOTES
J92618AS,L25, Cable Driver		1	

Lists 26 and 27—Unassigned.

Lists 28 Through 93—Refer to Table C for selecting a standard interconnect assignment display as required.

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and -24V. Use Table B to determine the input power requirements.

B. This status input panel provides the NEW ALARM index display No. 1 and the ANY ALARM index display No. 2.

C. This switch expander panel provides 2 switch blocks (32 switches each).

D. This alarm and status input panel provides for 2 displays (64 status inputs each). The additional equipment required for display A (circuit 1) and/or display B (circuit 2) on this panel is specified by the proper selection of the standard assignment display lists (lists 28 through 93). The assigned display numbers must be from the range of 5 through 60. A display number can be used only once at a remote.

E. Only one of lists 5 or 11 may be equipped.

F. A data regenerator should not be ordered unless specifically requested by the telephone company in conjunction with overall planning and data network engineering.

G. Table D shows the maximum number of lists 10 or list 20 which may be equipped in addition to list 1. When both are equipped, a tradeoff must be made. When the remote requires more switch blocks and displays than this bay can provide, specify an alarm reporting expansion bay.

H. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm and status input panel must be four or less. The combined quantity for display B is also four or less. See Table A.

I. A single unipolar detector is provided for display A and display B as part of list 21. The quantity of lists 24 to equip list 21 may be one for display A and one for display B.

J. A maximum of six lists 6 may be equipped.

K. Do not specify when using remote call-up data transfer or when using lists 4, 5, 6, 11, or 13.

L. Do not specify with lists 4, 5, 6, 11, or 12.

M. J92618AF,L2 is identical to J92618AF,L1 and in addition contains a J92618AG buffer for use when the I/O device is located a distance from the E2 bay of greater than 25 feet. (When a buffer unit is used in the J92618AF panel, an identical buffer unit is required in the I/O device.)

N. When the remote call-up feature is desired, either list 7 or list 8 is required but not both.

J92617AL—AT&TCo Std—Alarm Reporting Bay (7 Feet)

List 1—Framework, assembly, and equipment for an alarm reporting remote bay with a basic capability of a new index display, any index display, 2 status displays (64 status inputs each), and 2 switch blocks (32 switches each).

	WIRE	EQUIP	NOTES
J92618A,L1, L8, L9, and L10, Basic Remote Office Shelf		1	
J92618D,L1, Supplementary Control Shelf		1	
J92618E,L1, Status Input Panel		1	B
J92618F,L1, Remote Switch Selector Panel		1	
J92618G,L1, Switch Expander Panel		1	C
J92618V,L14, Filter and Fuse Panel		1	A
J92618AS,L1, Alarm and Status Input Panel		1	D

List 3—Equipment required in addition to list 1 to provide a data set and clock for wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L5, Jacks, Clock, and Data Set		1	E

List 4—Equipment required in addition to list 1 to provide a data set and clock for wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L6, Jacks, Clock, and Data Set		1	E

List 5—Equipment required in addition to list 1 to provide a data regenerator with a data set

clock for a 600-bps data rate and two directions of transmission.

	WIRE	EQUIP	NOTES
J92618A,L2 and L7, Circuit Packs		1	E, F
J92618R,L1, Data Regenerator		1	E, F

List 6—Equipment required in addition to list 5 to provide the data regenerator with one additional transmission directional capability.

	WIRE	EQUIP	NOTES
J92618R,L2, Circuit Packs		1	J

List 7—Equipment required in addition to list 1 to provide a remote call-up unit for data transfer with one serial input-output device.

	WIRE	EQUIP	NOTES
J92618AF,L1, Remote Call-Up Data Transfer Unit		1	

List 8—Equipment required in addition to list 7 to provide a buffer shelf in the remote call-up data transfer shelf.

	WIRE	EQUIP	NOTES
J92618AF,L2, Remote Call-Up Data Transfer Shelf		1	M, N

List 10—Equipment required in addition to list 1 to provide for additional switch blocks at 2 blocks (64 switches) per shelf.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	C, G

List 11—A&M Only—Equipment required in addition to list 1 to provide a data set and clock card to provide wideband channel 7W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L11, Circuit Packs		1	E

List 12—Equipment required in addition to list 1 to provide data set and clock circuit pack cards for 600-bps operation in a multipoint network.

	WIRE	EQUIP	NOTES
J92618A,L12, Basic Remote Office Shelf		1	K

List 13—Equipment required in addition to list 1 to provide 600 bps data set and clock circuit pack cards to be used with a 4-way 4-wire bridge for transfer of information between remote stations using the remote call-up feature.

	WIRE	EQUIP	NOTES
J92618A,L13, Basic Remote Office Shelf		1	L

Lists 14 Through 19—Unassigned.

List 20—Equipment required in addition to list 1 to provide for additional status displays (64 status inputs each).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2, Alarm and Status Input Panel		1	D, G

List 21—Equipment required in addition to list 1 or 20 when two miscellaneous-type status displays per panel are desired. This requires installer wiring and proper selection of lists 22, 23, and 24. This list should be used only if the standard assignment alarmed display lists are not available.

	WIRE	EQUIP	NOTES
J92618AS,L21, Misc Type Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	H

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms with memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Packs		1	H

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	I

List 25—Equipment required in the last list 20 in the bay only when an expansion bay (J92617EL) is part of this installation.

	WIRE	EQUIP	NOTES
J92618AS,L25, Cable Driver		1	

Lists 26 and 27—Unassigned.

Lists 28 Through 93—Refer to Table C for selecting a standard interconnect assignment display as required.

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and -24V. Use Table B to determine the input power requirements.

B. This status input panel provides the NEW ALARM index display No. 1 and the ANY ALARM index display No. 2.

C. This switch expander panel provides 2 switch blocks (32 switches each).

D. This alarm and status input panel provides for 2 displays (64 status inputs each). The additional equipment required for display A (circuit 1) and/or display B (circuit 2) on this panel is specified by the proper selection of the standard assignment display lists (lists 28 through 93). The assigned display numbers must be from the range of 5 through 60. A display number can be used only once at a remote.

E. Only one of lists 2 through 5 or 11 may be equipped.

F. A data regenerator should not be ordered unless specifically requested by the telephone company in conjunction with overall planning and data network engineering.

G. Table D shows the maximum number of lists 10 or lists 20 which may be equipped in addition to list 1. When both are equipped, a tradeoff must be made. When the remote requires more switch blocks and displays than this bay can provide, specify an alarm reporting expansion bay.

H. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm and status input panel must be four or less. The combined quantity for display B is also four or less. See Table A.

I. A single unipolar detector is provided for display A and display B as part of list 1. The quantity of lists 24 to equip list 21 may be one for display A and one for display B.

J. A maximum of six lists 6 may be equipped.

K. Do not specify when using remote call-up data transfer or when using lists 4, 5, 6, 11, or 13.

L. Do not specify with lists 4, 5, 6, 11, or 12.

M. J92618AF,L2 is identical to J92618AF,L1 and in addition contains a J92618AG buffer for use when the I/O device is located a distance from the E2 bay of greater than 25 feet. (When a buffer unit is used in the J92618AF panel, an identical buffer unit is required in the I/O device.)

N. When the remote call-up feature is desired, either list 7 or list 8 is required but not both.

J92617EJ—AT&TCo Std—Alarm Reporting Expansion Bay (11 Feet 6 Inches)

List 1—Framework, assembly, and equipment for an alarm reporting expansion bay when additional displays (status inputs) and/or remote switch blocks are required.

	WIRE	EQUIP	NOTES
ED-1C409-( ),G1, Power Distribution Panel		1	A
J92618V,L16, Filter and Fuse Panel		1	A

List 2—Equipment required in addition to list 1 when more than nine lists 20 are equipped in this bay.

	WIRE	EQUIP	NOTES
J92618V,L18, Filter and Fuse Panel		1	A

Lists 3 Through 9—Unassigned.

List 10—Equipment required in addition to list 1 to provide for 2 switch blocks (32 switches each).

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	B, C

Lists 11 Through 18—Unassigned.

List 19—Equipment required in addition to list 1 to provide for the first 2 displays (64 status inputs each). For additional displays, specify list 20 as required.

	WIRE	EQUIP	NOTES
J92618AS,L1 and L26, Alarm and Status Input Panel		1	C, D

List 20—Equipment required in addition to lists 1 and 19 to provide for 2 additional displays (64 status inputs each).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2, Alarm and Status Input Panel		1	C, D

List 21—Equipment required in addition to list 19 or 20 when two installer strapped alarmed displays are required. This list should be used only if the standard assignment alarmed display lists (30 through 93) are not available for a particular monitored system and the general purpose (factory strapped) alarmed display lists (28 and 29) cannot be utilized. This method equipping a display with an alarm requires installer strapping and proper selection of lists 22, 23, and 24.

	WIRE	EQUIP	NOTES
J92618AS,L21, Two Installer Strapped Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	E

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms with memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Packs		1	E

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	F

List 25—Equipment required in the last list 20 in this bay only when another expansion bay (J92617EJ, EK, or EL) is part of this remote station.

	WIRE	EQUIP	NOTES
J92618AS,L25, Cable Drivers		1	

Lists 26 and 27—Not used.

Lists 28 Through 93—Refer to Table C for the standard assignment display as required.

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and - 24V. Use Table B to determine the input power requirements.

B. An alarm reporting remote may have up to 128 switch blocks (32 switches each).

C. Table E shows the maximum number of lists 10 and 20 in addition to list 19 which may be equipped. When both are equipped, a tradeoff must be made. When the remote requires more switch blocks and displays than this bay can provide, specify another alarm reporting expansion bay.

D. This alarm and status input panel provides for 2 displays (64 status inputs each). The additional equipment required for display A (circuit 1) and for display B (circuit 2) on this panel is specified by the proper selection of the standard assignment display lists (lists 28 through 93). The assigned display numbers must be from the range of 5 through 60. A display number can be used only once at a remote.

E. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm and status input panel must be four or less. The combined quantity for display B is also four or less. See Table A.

F. A single unipolar detector is provided for display A and display B as part of list 21. The quantity of lists 24 to equip list 21 may be one for display A and one for display B.

J92617EK—AT&TCo Std—Alarm Reporting Expansion Bay (9 Feet)

List 1—Framework, assembly, and equipment for an alarm reporting expansion bay when additional displays (status inputs) and/or remote switch blocks are required.

	WIRE	EQUIP	NOTES
ED-1C409-( ),G1, Power Distribution Panel		1	A
J92618V,L16, Filter and Fuse Panel		1	A

List 2—Equipment required in addition to list 1 when more than nine lists 20 are equipped in this bay.

	WIRE	EQUIP	NOTES
J92618V,L18, Filter and Fuse Panel		1	A

Lists 3 Through 9—Unassigned.

List 10—Equipment required in addition to list 1 to provide for 2 switch blocks (32 switches each).

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	B, C

Lists 11 Through 18—Unassigned.

List 19—Equipment required in addition to list 1 to provide for the first 2 displays (64 status inputs each). For additional displays, specify list 20 as required.

	WIRE	EQUIP	NOTES
J92618AS,L1 and L26, Alarm and Status Input Panel		1	C, D

List 20—Equipment required in addition to lists 1 and 19 to provide for 2 additional displays (64 status inputs each).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2, Alarm and Status Input Panel		1	C, D

List 21—Equipment required in addition to list 19 or 20 when two installer strapped displays with alarm are required. This list should be used only if the standard assignment alarmed display lists (30 through 93) are not available for a particular monitored system and the general purpose (factory strapped) display with alarm lists (28 and 29) cannot be utilized. This method of providing a display with an alarm requires installer strapping and proper selection of lists 22, 23, and 24.

	WIRE	EQUIP	NOTES
J92618AS,L21, Two Installer Strapped Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	E

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms with memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Packs		1	E

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	F

List 25—Equipment required in the last list 20 in this bay only when another expansion bay (J92617EJ, EK, or EL) is part of this remote station.

	WIRE	EQUIP	NOTES
J92618AS,L25, Cable Drivers		1	

Lists 26 and 27—Unassigned.

Lists 28 Through 93—Refer to Table C for the standard interconnect assignment display as required.

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and -24V. Use Table B to determine the input power requirements.

B. An alarm reporting remote may have up to 128 switch blocks (32 switches each).

C. Table E shows the maximum number of lists 10 and 20 in addition to list 19 which may be equipped. When both are equipped, a tradeoff must be made. When the remote requires more switch blocks and displays than this bay can provide, specify another alarm reporting expansion bay.

D. This alarm and status input panel provides for 2 displays (64 status inputs each). The additional equipment required for display A (circuit 1) and for display B (circuit 2) on this panel is specified by the proper selection of the standard assignment display lists (list 28 through 93). The assigned display numbers must be from the range of 5 through 60. A display number can be used only once at a remote.

E. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm status input panel must be four or less. The combined quantity for display B is also four or less. (See Table A.)

F. A single unipolar detector is provided for display A and display B as part of list 1. The quantity of lists 24 to equip list 21 may be one for display A and one for display B.

J92617EL—AT&TCo Std—Alarm Reporting Expansion Bay (7 Feet)

List 1—Framework, assembly, and equipment for an alarm reporting expansion bay when additional displays (status inputs) and/or remote switch blocks are required.

	WIRE	EQUIP	NOTES
ED-1C409-( ),G1, Power Distribution Panel		1	A
J92618V,L16, Filter and Fuse Panel		1	A

Lists 3 Through 9—Unassigned.

List 10—Equipment required in addition to list 1 to provide for 2 switch blocks (32 switches each).

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	B, C

Lists 11 Through 18—Unassigned.

List 19—Equipment required in addition to list 1 to provide for the first 2 displays (64 status inputs each). For additional displays, specify list 20 as required.

	WIRE	EQUIP	NOTES
J92618AS,L1 and L26, Alarm and Status Input Panel		1	C, D

List 20—Equipment required in addition to lists 1 and 19 to provide for 2 additional displays (64 status inputs each).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2, Alarm and Status Input Panel		1	C, D

List 21—Equipment required in addition to list 19 or 20 when two installer strapped displays with alarm are required. This list should be used only if the standard assignment alarmed display lists (30 through 93) are not available for a particular monitored system and the general purpose (factory strapped) display with alarm lists (28 and 29) cannot be utilized. This method of providing a display with an alarm requires installer strapping and proper selection of lists 22, 23, and 24.

	WIRE	EQUIP	NOTES
J92618AS,L21, Two Installer Strapped Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	E

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms with memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Packs		1	E

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	F

List 25—Equipment required in the last list 20 in this bay only when another expansion bay (J92617EJ, EK, or EL) is part of this remote station.

	WIRE	EQUIP	NOTES
J92618AS,L25, Cable Drivers		1	

Lists 26 and 27—Unassigned.

Lists 28 Through 93—Refer to Table C for the standard interconnect assignment display as required.

Notes

A. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and - 24V. Use Table B to determine the input power requirements.

B. An alarm reporting remote may have up to 128 switch blocks (32 switches each).

C. Table E shows the maximum number of lists 10 and lists 20 in addition to list 19 which may be equipped. When both are equipped, a tradeoff must be made. When the remote requires more switch blocks and displays than this bay can provide, specify another alarm reporting expansion bay.

D. This alarm and status input panel provides for 2 displays (64 status inputs each). The additional equipment required for display A (circuit 1) and for display B (circuit 2) on this panel is specified by the proper section of the standard assignment

display lists (lists 28 through 93). The assigned display numbers must be from the range of 5 through 60. A display number can be used only once at a remote.

E. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm and status input panel must be four or less. The combined quantity for display B is also four or less. See Table A.

F. A single unipolar detector is provided for display A and display B as part of list 21. The quantity of lists 24 to equip list 21 may be one for display A and one for display B.

Remote Office Unit

J92617AA—AT&TCo Std—Alarm Reporting Remote Unit

List 1—Assembly and equipment required to provide a basic alarm reporting remote unit with displays No. 1 and No. 2 (64 status inputs each) and one switch block (32 switches).

	WIRE	EQUIP	NOTES
J92618A,L1, L8, and L10, Basic Remote Shelf		1	A
J92618D,L1, Supplementary Control		1	
J92618F,L1, Remote Switch Selector		1	
J92618AS,L1, Alarm and Status Input		1	B

List 2—Equipment required in addition to list 1 to provide a data set and clock card for voice channel at a 600-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L4 Circuit Packs		1	C

List 3—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 4W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L5, Circuit Packs		1	C

List 4—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 8W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L6, Circuit Packs		1	C

List 5—A&M Only—Equipment required in addition to list 1 for a data set and clock card to provide wideband channel 7W at a 150-bps data rate.

	WIRE	EQUIP	NOTES
J92618A,L2 and L11, Circuit Packs		1	C

List 6—A&M Only—Equipment required in addition to list 1 when one additional switch block (32 switches) is required.

	WIRE	EQUIP	NOTES
J92618G,L1, Switch Expander Panel		1	A, D

List 7—Equipment required in addition to list 1 to provide for power filtering and fusing when required.

	WIRE	EQUIP	NOTES
J92618V,L19, Filter and Fuse Panel		1	E

Lists 8 Through 19—Unassigned.

List 20—Equipment required in addition to list 1 to provide for display No. 3 (64 status inputs) and display No. 4 (64 status inputs).

	WIRE	EQUIP	NOTES
J92618AS,L1 and L2, Alarm and Status Input Panel		1	B, D

List 21—Equipment required in addition to list 1 or 20 when two installer strapped alarmed displays are required. This list should be used only if the standard assignment display

with alarm lists (30 through 93) are not available for a particular monitored system and the general purpose (factory strapped) display with alarm lists (28 and 29) cannot be utilized. This method of providing a display with an alarm requires installer strapping and proper selection of lists 22, 23, and 24.

	WIRE	EQUIP	NOTES
J92618AS,L21, Two Misc Displays		1	

List 22—Equipment required in addition to list 21 to provide 2 units of 16 alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L22, Circuit Packs		1	E

List 23—Equipment required in addition to list 21 to provide one unit of eight alarms without memory.

	WIRE	EQUIP	NOTES
J92618AS,L23, Circuit Packs		1	E

List 24—Equipment required in addition to list 21 to provide for two unipolar detectors.

	WIRE	EQUIP	NOTES
J92618AS,L24, Circuit Packs		1	F

Lists 25 Through 27—Unassigned.

Lists 28 Through 93—Refer to Table C for the standard interconnect assignment display as required.

Notes

A. This unit has a maximum capacity of 4 displays (256 status inputs) and 64 remote switches. When lists 6 and 20 are equipped, space for mounting list 6 is provided on list 1. If list 6 is added after initial installation, the J92618F panel requires rewiring by the installer.

B. This alarm and status input panel provides for 2 displays (64 status inputs each). The additional equipment and wiring required for display A (circuit 1) and/or display B (circuit 2) on this panel is specified by proper selection of the standard assignment display lists (lists 28 through 93).

C. Specify only one of lists 2 through 5.

D. Only one list 20 and one list 6 may be specified.

E. The J92618V filter and fuse panel has a maximum capability of 8 amperes for each of +24V and -24V. Use Table B to determine the input power requirements.

F. The combined quantity of lists 22 and 23 to equip list 21 with circuit packs for display A on the J92618AS alarm and status input panel must be four or less. The combined quantity for display B is also four or less. See Table A.

G. A single unipolar detector is provided for display A and display B as part of list 21. The quantity of list 24 to equip list 21 may be one for display A and one for display B.

TABLE A

MAXIMUM NUMBER OF STATUS INPUTS WITHIN A DISPLAY WHICH MAY BE ALARMED

COMBINATION	NO. OF STATUS INPUTS	MAXIMUM NO. OF STATUS INPUTS WHICH MAY BE ALARMED	
		WITH MEMORY	WITHOUT MEMORY
1	64	0	64
2	64	8	56
3	64	16	48
4	64	24	32
5	64	32	0

TABLE B

POWER DRAIN INFORMATION (ONLY THOSE LISTS WHICH REQUIRE POWER ARE SHOWN)

EQUIPMENT CODE	LIST	CURRENT IN AMPERES	
		+24 Vdc	-24 Vdc
J92617C, D	L1	5.71	0.90
	L2	0.44	0.02
	L3	0.44	0.02
	L7	3.57	0.24
	L11	0.96	0.52
	L12	0.96	0.52
J92617E	L1	5.71	0.90
	L2	0.44	0.02
	L6	0.96	0.52
J92617AJ, AK, AL	L1	4.12	1.09
	L5	0.96	0.52
	L7	1.20	0.05
	L20	0.25	0.25
	L25	0.25	0.25
J92617EJ, EK, EL	L19	0.68	0.49
	L20	0.43	0.24
	L25	0.25	0.25
J92617AA	L1	3.12	0.60
	L20	0.43	0.24

Note: The dc power must be supplied externally. The supplies must provide, at the bay fuses, the voltages with the following tolerances: +24 ±3 volts and -24 ±3 volts. These tolerances allow standard telephone battery plants to be used.

TABLE C

STANDARD ASSIGNMENT DISPLAY LISTS

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
27	General Purpose Alarmed Display	1	27	General Purpose Alarmed Display	64 Statuses Alarmed W/O Memory
28		1	28		32 Statuses and 32 Statuses W/O Memory
29		1	29		16 Statuses, 16 Statuses With Memory, 32 Statuses W/O Memory
30	L5 Coaxial	1	30	Building Alarm	ED-52018-10, Fig. 1A
31		1	31		ED-52018-10, Fig. 1B
32		1	32		ED-52018-10, Fig. 2A
33		1	33		ED-52018-10, Fig. 2B
34	TD-2 Radio Long Haul	1	34	Main or Repeater Station—Office and Building Alarms	ED-51476-10,Fig. 1A, B
35	TD-2 Radio Long Haul (A&M Only)	1	35	Low MW Outputs Main and Repeater Stations	ED-51476-10, Fig. 1A, 1B
36	TH-1 Radio	1	36	TD-2 Radio Office	ED-51476-10, Fig. 17
37		1	37	Trans & Rec Chan Alarms	ED-51476-10, Fig. 17
38		1	38	Radio Aux Chan Alarms	ED-51476-10, Fig. 18
39		1	39	FW B/B Prot Switching & FM Term. and B/B Amp Alarms Main Station	ED-51476-10, Fig. 19
40		1	40	Prot Switching, DC Tone Reporting Alarms, Main Stations	ED-51476-10, Fig. 19
41	TH-3 Radio Long Haul	1	41	Chan 1 Through 8 Main Stations	ED-51476-10, Fig. 7A, B

TABLE C

STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
42	TD03 Radio Long Haul	1	42	Chan 1Through 8 Repeater Stations	ED-51476-10, Fig. 8A, B
43		1	43	TD-3/3A, TH-3 Radio Main or Repeater Stations Office & Building Alarms	ED-51476-10, Fig. 2A, B
44	TD-3/3A Radio Long Haul	1	44	Chan 1 Through 8 Main Stations	ED-51476-10, Fig. 3A, B, 5A, B
45		1	45	Chan 9 Through 12 Main Stations	
46		1	46	Chan 1 Through 12 (E-W) Repeater Stations	ED-51476-10, Fig. 4A, B, 6A, B
47		1	47	Chan 1 Through 12 (W-E) Repeater Stations	
48	TH-3 Radio Medium Haul	1	48	Chan X and A 300A Switching System Aux Chan Switch Main Stations	ED-51476-10, Fig. 1A, B, C
49		1	49	Freq Diplex Back Haul MPX Main Stations	
50		1	50	Chan 1 and 2 Main or Repeater Stations	ED-51475-10, Fig. 1A, B, C, 2A, B, C
51		1	51	Chan X and A Aux Chan Switch Repeater Stations	ED-51475-10, Fig. 2A, B, C
52		1	52	Freq Diplex Back Haul MPX Repeater Stations	ED-51475-10, Fig. 2A, B, C
53		1	53	Main or Repeater Stations—Office and Building Alarms	ED-51475-10, Fig. 1A, B, C, 2A, B, C

TABLE C

STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
54	Protective Switching	1	54	100A Transmit Main Stations	ED-51476-10, Fig. 13A, B
55		1	55	100A Rcv Cont Chan A Through D— Main Stations	
56		1	56	200A Transmit Main Stations	ED-51476-10, Fig. 14A, B
57		1	57		
58		1	58	TD Radio FM Terminal T/R Switching Main Stations	ED-51476-10, Fig. 15A, B
59		1	59	TDAS 1X5 or 1X11 Chan 1 Through 7	ED-51476-10, Fig. 16A, B
60		1	60	TDAS 1X5 or 1X11 Chan 7 Through 14	
61	Collins Radio	1	61	Collins MW—109E—1 Chan A Through P	H-831-141, Fig. 3
62		1	62	Collins MW—609E—1 Radio Chan A and B	H-831-141, Fig. 1A, B
63		1	63	Collins 99E2MW Baseband Prot Switch	H-831-141, Fig. 2A, B
64	Raytheon Radio	1	64	Raytheon KTR-3A Radio	NE-01150-10, Fig. 1A, B
65	Collins Radio	1	65	Collins 701 Cable System	H-831-141, Fig. 4
66		1	66	Collins MW118 Hot Standby Radio Assembly and Collins 90K5MV Diversity Switch	H-831-141, Fig. 7

TABLE C
STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
67	Lenkurt	1	67	Lenkurt 758B—58002-03 B/B Assembly, Lenkurt 53C Order Wire Unit Lenkurt 41160 Line Equip Shelf, and Lenkurt 361 Order Wire Unit	H-831-141, Fig. 5
68	Collins	1	68	Collins 99G3MW Microwave Couplings and 99T/MW Service Chan	H-831-141, Fig. 6
69	Auxiliary Channel Radio	1	69	KS-20098 Aux Radio (Raytheon) Main or Repeater Stations (Terminal) KS-20099 MPX (Farinon) Main Stations	ED-51476-10, Fig. 9A, B
70		1	70	KS-20311 Aux Radio (Farinon) KS-20099 MPX (Farinon) Main Stations	ED-51476-10, Fig. 12A, B
71		1	71	KS-20098 Aux Radio (Raytheon) KS-20099 MPX (Farinon) Repeater Station	ED-51476-10, Fig. 10A, B
72		1	72	KS-20311 Aux Radio (Farinon) KS-20099 MPX (Farinon) Repeater Station	ED-51476-10, Fig. 12A, B
73	MMX-2 (A&M Only Replaced By List 99)	1	73	Summary Terminal	ED-51582-10, Fig. 1, 101
74		1	74	Squelch Terminal	ED-51582-10, Fig. 2, 102A, B
75		1	75	LOP—SU Terminal	ED-51582-10, Fig. 3, 103A, B

TABLE C
STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
76	L4 Coaxial	1	76	Summary Terminal or Repeater	ED-51583-10, Fig. 1, 101A, B
77		1	77	Line Select and Converter Terminal or Repeater	ED-51583-10, Fig. 2, 102
78		1	78	Trans & Rec Line Alarms for Req. L4 & L4S	ED-51583-10, Fig. 3, 4
79	L5 Coaxial	1	79	T and R Bays	ED-52018-10, Fig. 4
80		1	80	Line Feed Conv LFC	ED-52018-10, Fig. 3
81		1	81	TSC, TSA, LA, O Through W, and RSTN	ED-52018-10, Fig. 5
82		1	82	LPSS—3	ED-52018-10, Fig. 6A, D
83		1	83	LPSS—3, SPL No. 1	ED-52018-10, Fig. 6B, E
84		1	84	LPSS—3, SPL No. 2	ED-52018-10, Fig. 6C, F
85		1	85	JMX	ED-52018-10, Fig. 7
86		1	86	BJGT	ED-52018-10, Fig. 8
87	DMX, M1-2	1	87	Muldem Status Alarm	ED-2C000-10, Fig. 1A, B
88	D2 Channel Bank	1	88	Prot Switch Status	ED-1C730-10, Fig. 1A, B
89		1	89	Three Chan Banks	
90		1	90	One Chan Bank One Stby Prot Sw	
91		1	91	D2 AV Alarm	

TABLE C
STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
92	Short Haul Radio	1	92	TLTL or TLTM Diversity Radio Common Office and Power Alarm	ED-3C401-10, Fig. 1
93		1	93	TLTL or TLTM Diversity Radio Transmitting and Receiving Alarms	
95	TCAS	1	95	Type I-32 Status and 32 Alarm without Memory	ED-2C217-10 and Note 13
96		1	96	Type II-48 Status and 16 Alarm without Memory	
97		1	97	Type III-64 Alarm without Memory	
98	General Purpose	1	98	Bipolar Alarm Detection for 2 Displays	ED-1C597-30, Bipolar Alarm Detector (CP137) (Do not use with Alarm Networks with Memory)
99	MMX-2	1	99	Equipment and SU Alarms; LOP Status	ED-51582, Figs. 4, 301, 401A, 401B, Tables 4A, 4B, 4C
100	MGT	1	100	Terminal Display	ED-1P126-( ), Fig. 1, Table 1A
101	TD-2 TD-3D	1	101	Low Microwave Outputs Trans and Rec Outputs	ED-51476-10, Table 1D
102	400A Protective Switching	1	102	Transmitting End (Chan 1-20)	ED-51476-10, Table 20A
103		1	103	Receiving End (Chan 1-4)	
104		1	104	Receiving End (Chan 5-20)	
105	KS-21046 Radio KS-21047 Multiplex	1	105		ED-51476-10, Table 21A

TABLE C

STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
106	1A Radio Digital System	1	106	Trans-Rec Terminal	ED-51476-10, Table 22
107	TDAS	1	107	1X5, 1X11 System	ED-51476-10, Table 16E
108	TD-3D Radio	1	108	Hot, Standby at Main or Repeater Stations	ED-51475-10, Tables 1 and 2
109	400B Protective Switching	1	109	Trans End (Channels 1-7)	ED-3C401-10, Table 2A
110		1	110	Rec End (Channels 1-7)	
111	401B Protective Switching	1	111	1X1 B-B Trans & Rec	ED-3C401-10, Table 3
112	TL/TM Radio	1	112	1X1 Freq. Diversity, H.F. Pilot	ED-3C401-10, Table 5
113		1	113	Hot Standby, H.F. Pilot	ED-3C401-10, Table 6
114		1	114	Hot Standby, 2.6 kHz Pilot	ED-3C401-10, Table 7
115		1	115	1X1 Freq. Diversity, 2.6 kHz Pilot	ED-3C401-10, Table 8
116	Short Haul Radio	1	116	1X7 Protection Switching	ED-3C401-10, Table 9
117		1	117	Radio Channel Orderwire Alarm Switching with 2.6 kHz Pilot	ED-3C401-10 Table 11
A&B	Reserved				
C	TB—3 Radio Long Haul	1	C	Chan 1 and 2, T&R Hot, Standby Space Diversity Main or Repeater Stations	ED-51475-10, Fig. 1, 2

TABLE C

STANDARD ASSIGNMENT DISPLAY LISTS (Cont.)

COMPONENT EQUIPMENT UNITS SHALL BE EQUIPPED AS FOLLOWS:					
BAY LIST	MONITORED SYSTEM	PROVIDE J92618AS		DESCRIPTION OF FEATURES	
		QUAN.	LIST NO.	DISPLAY FUNCTION	EQUIP PROVIDES
D	Protective Switching	1	D	100A Receiving End Chan E Through J	ED-51476-10, Fig. 1B
E		1	E	TDAS 1X5 or 1X11 Manual Switch and Switch Lockout Chan 1 Through 6	ED-51476-10, Fig. 16
F		1	F	TDAS 1X5 or 1X11 Manual Switch and Switch Lockout Chan 7 Through 12	

TABLE D

EQUIPPING ALARM REPORTING REMOTE BAYS DISPLAY AND SWITCH BLOCKS

BAY	MAX NO. INCLUDING LIST 1		MAX QUAN OF LISTS IN ADDITION TO LIST 1	
	See Note A	See Note B		
	DISPLAYS	SWITCH BLOCKS	LIST 10	LIST 20
J92617AJ (11 Ft 6 In.)	2	34	16	0
	4	32	15	1
	6	28	13	2
	8	26	12	3
	10	22	10	4
	12	20	9	5
	14	16	7	6
	16	14	6	7
	18	10	4	8
	20	8	3	9
	22	4	1	10
	24	2	0	11
J92617AK (9 Ft)	2	20	9	0
	4	16	7	1
	6	14	6	2
	8	10	4	3
	10	8	3	4
	12	4	1	5
	14	2	0	6
J92617AL (7 Ft)	2	8	3	0
	4	4	1	1
	6	2	0	2

Notes

A. The first 2 displays (64 status inputs each), the NEW ALARM index (display No. 1), and ANY ALARM index (display No. 2) are included in the bay list 1.

B. The first 2 switch blocks (32 switches each) are included in the bay list 1.

TABLE E

EQUIPPING ALARM REPORTING EXPANSION BAYS DISPLAY AND SWITCH BLOCKS

BAY	MAXIMUM NO. OF		MAXIMUM QUAN OF LISTS IN ADDITION TO LIST 1	
	DISPLAYS	SWITCH BLOCKS	LIST 10	LIST 20
J92617EJ (11 Ft 6 In.)	0	56	28	0
	2*	54	27	0
	4	50	25	1
	6	48	24	2
	8	44	22	3
	10	42	21	4
	12	38	19	5
	14	36	18	6
	16	32	16	7
	18	30	15	8
	20	26	13	9
	22	24	12	10
	24	20	10	11
	26	18	9	12
	28	14	7	13
	30	12	6	14
	32	8	4	15
	34	6	3	16
	36	2	1	17
	38	0	0	18
J92617EK (9 Ft)	0	42	21	0
	2*	38	19	0
	4	36	18	1
	6	32	16	2
	8	30	15	3
	10	26	13	4
	12	24	12	5
	14	20	10	6
	16	18	9	7
	18	14	7	8
	20	12	6	9
	22	8	4	10
	24	6	3	11
	26	2	1	12
	28	0	0	13

TABLE E (CONT.)

QUIPPING ALARM REPORTING EXPANSION BAYS DISPLAY AND SWITCH BLOCKS

BAY	MAXIMUM NO. OF		MAXIMUM QUAN OF LISTS IN ADDITION TO LIST 1	
	DISPLAYS	SWITCH BLOCKS	LIST 10	LIST 20
J92617EL (7 Ft)	0	30	15	0
	2*	26	13	0
	4	24	12	1
	6	20	10	2
	8	18	9	3
	10	14	7	4
	12	12	6	5
	14	8	4	6
	16	6	3	7
	18	2	1	8
	20	0	0	9

*The first 2 displays (64 status inputs each) are provided by bay list 19.

5. GENERAL NOTES

5.01 The required spare circuit packs are specified for the equipment and are supplied automatically.

5.02 Codes J92617F through J92617H and J92617M through J92617Y are unassigned. In the double letter codes, only AA, AJ, AK, AL, EJ, EK, and EL have been assigned; all others are unassigned.

List of A&M Only and Mfr Disc. Equipment

EQUIPMENT	RATING	DETAILS LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J92617A	Mfr Disc.	1	J92617AA
J92617C			J92617C
L4, L8 and L11, L12, L13	Mfr Disc.	2	L14, L15
	Mfr Disc.	2	—
J92617D			J92617C
L4, L8 and L11, L12, L13	Mfr Disc.	2	L14, L15
	Mfr Disc.	2	—
J92617E L3, L6, L7	Mfr Disc.	2	—
J92617J	A&M Only	2	—
L1, L2, L4, and L7	Mfr Disc.	1	J92617AJ
L9	Mfr Disc.	2	—
J92617K	A&M Only	2	—
L1, L2, L4, and L7	Mfr Disc.	1	J92617AK
L9	Mfr Disc.	2	—
J92617L	A&M Only	2	—
L1, L2, L4, and L7	Mfr Disc.	1	J92617AL
L9	Mfr Disc.	2	—
J92617AA, L5 & L6	A&M Only	2	—
J92617AJ L2	Mfr Disc.	2	—
J92617AJ, L11	A&M Only	2	—
J92617AK L2	Mfr Disc.	2	—
J92617AK, L11	A&M Only	2	—
J92617AL L2, L9	Mfr Disc.	2	—
J92617AL, L11	A&M Only	2	—
J92617EL, L2	Mfr Disc.	2	—

The above equipment has been replaced as indicated. Where A&M Only items appear, the issue number shown are those of the issue in which the rating was first applied.

Bell Telephone Laboratories, Incorporated

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