Honeywell

Area Form Instructions

SW12-580

Total Plant

Honeywell

Implementation
Engineering Operations - 1

Area Form Instructions

SW12-580
Release 520
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TotalPlant

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About This Publication

This publication illustrates and describes the forms provided by Honeywell for process engineers, contracting engineers, or data configuration services that are used to collect Area Database configuration data in a format suitable for entry into the TDC 3000X system memory. This document, which must be used with *Area Forms SW88-579* through *SW88-599* provides comprehensive instructions for filling in all required data on those forms.

This publication describes how configuration forms are used to define Units in the Area and the contents of Overview, Group, Trend Summary, and Alarm displays, and displays related to these items. It also describes how to fill out forms for defining the contents of logs, journals, and reports. Forms are illustrated slightly reduced, with accompanying text describing the entries and where they appear on respective configuration displays that are shown on the screen of a Universal Station. Instruction tables describe how to fill in each form. Each table contains explanatory notes in its "Remarks" column. Information used to compile all required Area Database configuration data is given in this document.

This publication supports **TotalPlant**® Solution (TPS) System network release 500 - 520. TPS is the evolution of TDC 3000X.

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INTRODUCTION
Section 1

You will build a separate area database for each area in the system, and a separate set of Area Configuration Forms should be filled out for each area. The area database is built through the AREA DATA BASE target (pick) on the Engineering Main Menu, which activates the Data Entity Builder that builds the entities that comprise the area database.

1.1 PREREQUISITES

It is best to complete network configuration before beginning area configuration, because there are several items that are defined in network configuration that must be defined the same way in area configuration. These items are noted in these instructions, where they are used.

Before configuring an area, you should establish the pathnames for schematic (custom) displays and the button configuration for the area (the files that these pathnames point to are built in the Picture Editor and Button Configuration activities on the Engineering Main Menu).

You should have established the process units that will be assigned to this area or that will be accessible to this area, but not under control from this area's Universal Stations.

You will need to know the tag names for data points to be included in the following entities for this area:

- Group displays
- Trend displays
- Points whose alarms will be shown on the area's Alarm Annunciator display
- Standard logs

You will also need to know the tag names of process modules to be included in the area's Process Module Group Displays, and the Process Module Summary display.

1.2 DOCUMENTS REQUIRED

For general configuration guidelines, see the *Configuration Data Collection Guide* in the *Implementation/Startup & Reconfiguration - 2* binder. Instructions for entering the content of the Area Configuration Forms into the system are in the *Data Entity Builder Manual* in the *Implementation/Engineering Operations - 1* binder.

GENERAL INSTRUCTIONS
Section 2

This section contains an explanation of several elements of the area configuration process that are common to several of the configuration forms.

2.1 REFERENCE DISPLAYS

About half of area configuration is the definition of the content of standard operator displays for the area. Most of these displays can be configured to be associated with a reference display. Reference displays are called up to provide additional information that is related to the display from which they are called. For example, an Annunciator display might be on a US in the area's console, and when one of the annunciators goes to the alarm state, the operator can touch that box to call up the related display configured for that box.

Displays that are not represented by a key on the Operator's Keyboard can be called up **only** as a reference display or by a user-configured button.

Most standard operator personality displays, including alarm, node status, system status, console status, trend, group, and detail displays can be used as reference displays. User-defined schematic displays can also be used as reference displays.

There are three types of reference displays:

- **Related** displays are called up through a target (pick) on the display configured in area configuration. Usually, there are several targets on the configured display, each of which can have a Related display. These targets are mentioned in the form instructions.

- **Associated** displays are called up by pressing the ASSOC DISP key on the Operator's Keyboard while the display configured in area configuration is on the screen. For some standard operator displays, Associated displays can also be called up by selecting a target in the upper-right corner of the screen, when the display configured in area configuration is on the screen.

- **Help** displays are called up by pressing the HELP key on the Operator's Keyboard while the display configured in area configuration is on the screen. These displays can be user-built schematic displays that contain information designed to help the user of the display configured in area configuration. Standard displays can also be configured as Help displays.

NOTE

Configuration data entry for reference displays appears on the actual configuration display at each point (item) where such data is to be entered. However, to save repetition and unnecessary volume on configuration forms, these instructions refer you to Configuration Form *SW88-580A* to fill in the Reference display data. Thus, to configure a given display type, you should have on hand the form for that type and the copies of Form *SW88-580A* that were used to fill in the Reference display configuration data. The blank space provided at the top
of Form *SW88-580A* is to be used for filling in the number of the main configuration it is being used with. Thus, if Form *SW88-580A* is used for Reference display data for the Overview display, the number of that form, *SW88-582,* should be filled in the blank space. On actual displays, Reference display data entry follows page 1 of a multipage display, and continues
on succeeding pages.

2.2 SELECTIVE DISCLOSURE

This feature of the configuration "mechanism," which also is referred to as "exposure/suppression," causes only those configuration parameters that are relevant to the type of selection made for a given configuration item to appear on the configuration displays. The relevant parameters are thus said to be "exposed" (i.e., displayed) while the less relevant parameters are said to be "suppressed" (i.e., not displayed). Thus, clutter and unnecessary detail are omitted from the configuration display. Wherever selective disclosure comes into play, its appearance is noted in the "Remarks" column of the instruction table.

2.3 DEFAULTS AND THEIR USES

Defaults are functional selections or choices made through omission. For example, when you fail to make a YES or NO choice for a given inclusion or exclusion, as for "IN TREND SET?," the selection defaults to a definite choice by the internal software. This internal function applies to all choice-type target selections. In contrast to other relevant notations that are not made on the configuration form (but are made in the instruction table), default choices are ALWAYS shown on the configuration form. Thus, you can save time during configuration by "using" the choices made by default, should you desire those selections. You get them by doing nothing!

2.4 PICK AND PORT

The terms "Pick" and "Port" appear on some displays and in some publications. In this publication, we use "touch or target selection," and "keyboard entry," respectively, instead of "pick" and "port."

2.5 LEFT JUSTIFIED

The term "left justified" is noted in a number of places in the "Remarks" column of instruction tables. It means that internal software sees the left-most character entry as either the first integer in a number (i.e., the unit's digit), or the first character of a character string. Thus, where three entry blocks are given for filling in a number, the integer "1" for Group number 1, must be placed in the left-most block, as `|1| | |`, etc. Where 24 blocks are provided but only 18 characters are to be entered, the first character of the string must be written in the left-most block, the second character in the second block, etc., with surplus (unused) blocks all remaining at the extreme right. There is no reason to use "leading zeros" such as `|0|0|1|.`

2.6 CONFIGURATION OF "PRINTED" LOGS, REPORTS, TRENDS and JOURNALS

There are some relationships between the several types of printed items you can configure for an area that you need to understand to configure correctly without problems.

These are the types of printed items that you can configure:

Type	Heading No.	Form No.	Description
Standard Logs	3.12	SW88-592	Log of up to 100 data point values
Free Format Logs	3.13	SW88-593	Up to 400 FFLs. User-defined format and values
SOE Journals	3.14	SW88-579	Up to 20 Area SOE Journals can be configured.
Process Journals	3.15	SW88-594	Journal of alarms or messages for process units
Printed Trends	3.16	SW88-595	Printed trend report for a group of points
Reports	3.17	SW88-596	Combination of up to 10 printed items
System Journals	3.18	SW88-597	Journal of system status, error, or maintenance messages

The maximum number of logs, reports, journals, and printed trends configured per area cannot exceed 100. Each of them is identified by a unique log, journal, or trend number in a range of 1 to 100, except SOE Journals have a range of 1 to 20. In most cases, the numbers of things that can be included in the items are apparent on the configuration forms. The following items have limitations:

- **Standard Logs**—Up to 100 data points can be included in a standard log, and the total number of points in all standard logs can't exceed 1000. For example, if you configure 100 standard logs with 10 points per log, you can't increase the number of points in any of these logs. If you configure 20 logs with 20 points each (400 points), you can configure additional standard logs until you have used up the remaining 600 points.

- **Free Format Logs**—Theoretically, each free format log can have as many as 4095 point-data items (value, date, time, etc.), but in some situations, the full 4095 items may not be attained. The values contained in these logs are configured in Free Format Log Configuration on Form *HM88-562*. Area Form *SW88-593* is used to configure such items as the log number, log name, schedule, and the printer. You can have up to 400 Free Format Logs.

- **Process Journals**—Up to 36 units can be configured for a process journal.
- **Reports**—Each report can include up to 10 other printed items configured for the area. Those items must be standard logs, free format logs, process journals, printed trends, or system journals.

These above items may be sent to an actual printer (1-10) or to a virtual printer (11-30), which is a file named by the user in the virtual printer configuration file.

2.6.1 Event-Initiated Reports

Instructions for implementation of event-initiated reports are in Section 30 of the *Engineer's Reference Manual* in the *Implementation/Startup & Reconfiguration - 2* binder.

2.7 AREA NUMBER

A place is provided to write down the number of the area you are configuring (1 through 10) in the upper right-hand corner of each Area Configuration Form. If you are configuring more than one area, you should make as many copies of the forms as you have areas, and write the area number at the top of each form.

SPECIFIC INSTRUCTIONS
Section 3

The remainder of this manual is devoted to illustrations of Area Database forms, and descriptions of the respective configuration displays. A tabularized instruction for filling in the form follows each description.

3.1 INSTRUCTIONS FOR UNIT ASSIGNMENT CONFIGURATION FORM, SW88-581

This form is used to list the Units that are to be assigned to the Area. See the illustration and description on next page. Assigning a Unit to an Area enables the following at the console(s) associated with the Area:

- Annunciation of alarms for points assigned to the Unit
- Operator control of the points assigned to the Units

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AREA UNIT ASSIGNMENT DISPLAY CONFIGURATION FOF

UNIT ASSIGNMENT DISPLAY CONFIGURATION

First display page				Second display page			
UNIT #	UNIT ID	INITIALLY ASSIGNED?		UNIT #	UNIT ID	INITIALLY ASSIGNED?	
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO
		YES	NO			YES	NO

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 1 — Entries for Area Unit Assignment Configuration Form SW88-581

LINE	NAME	DATA ENTRY	REMARKS
		UNIT ASSIGNMENT CONFIGURATION DISPLAY	
	UNIT ID	Fill in up to 36 2-character Unit numbers and IDs of the Units to be included in this area.	
	INITIALLY ASSIGNED	Circle YES or NO to indicate whether or not each Unit was initially assigned to this area. The Unit #, 2-character blocks, are for reference only. Use these blocks to associate the Unit ID with the unit number that you select by touch target.	Units are assigned to areas as well as to individual Universal Stations. They can be assigned to areas other than their own. For instance, 18 of an area's Units might be assigned to another area. Where a Unit has been assigned to a Universal Station in this area, the operator of that station can change the operational parameters of that Unit's points. Operators at Universal Stations to which the Unit was not assigned can only display that Unit's points; they cannot change that Unit's parameters. Also, although the operator can view all of that Unit's points, no alarms are announced at an unassigned Universal Station.

3.2 INSTRUCTIONS FOR PATHNAME CATALOG CONFIGURATION FORM, SW88-582

Use this form to specify the location of object files that contain schematic (custom graphic display) files, button-configuration/button name files, and Free Format Log (FFL) files. These files are created with the Picture Editor, the Button Configurator, the Text Editor, and the Free Format Log Builder. The number of schematic displays and FFLs that can be configured for a system is limited only by the available storage space on HMs and removable media.

For faster access, up-to-200 schematic display/FFL object files can be stored (on a space-available basis) in the US memory, as well as in a source volume on an HM or removable media. The rest are stored on only HMs or removable media. Schematics that are in the US memory appear on the screen significantly faster than those that must be retrieved from HM or removable media.

3.2.1 Guidelines for the Use of the Pathname Catalog

The Pathname Catalog allows you to configure access to schematics or Free Format Logs from a US with any area database, or to restrict access to a schematic or log to a single area or a specific set of areas. The catalog also allows you to configure the same schematic or log on more than one HM, so that should an HM fail, the schematic is still available from another HM.

CAUTION

1.) In naming your schematics do not use the name of a standard schematic.
2.) Do not put a standard Honeywell schematic name in the Pathname Catalog. The result is that the US/UWS takes an unusual amount of time to load.

When a US is started up with the Operator or Universal Personality or when that personality's Area Change function is used to change the area database, the US attempts to load the schematics and Free Format Logs that you want to be US memory resident. As long as the US memory has space available the system searches the devices and volumes specified in the Pathname Catalog in the order they are listed and loads the first instance of the specified schematic that it finds. If the schematic file is larger than space available, the next specified file is located and loaded if it fits. The process continues until all specified schematics and logs are loaded or insufficient US memory is available to continue loading.

When a schematic or log is called up, the US determines if it is in its memory and, if so, it is displayed from the memory. If it is not in the US's memory, all of the devices and volumes specified by the pathnames in this area's Pathname Catalog are searched, in the order they are listed, and when the schematic is found it is stored in a temporary file in the US, and displayed.

To restrict access from USs in a given area, configure the schematic/FFL object files in a volume that is not defined by any of the 20 pathnames in that area's pathname catalog. Many users configure object files in the area database volume, &Dnn (where nn is the area number), but this does not restrict access to USs in that area only. Schematics and logs can also be configured in user volumes.

The Schematic Titles display in the Operator/Universal Personality reflects the content of the pathname catalog (except the button files). Names of schematics and logs that are actually in the US memory are yellow. Those not in memory are blue. If you need to get additional files into resident US memory, you may be able to increase the size of the external schematic memory. You may also be able to add memory boards for additional external schematic memory. Refer to Section 3.6 and Table 3-5 of the *Network Configuration Form Instructions* manual.

Area No. ______

Sheet ____ of ____

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AREA PATHNAME CATALOG CONFIGURATION FORM

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PATHNAME CATALOG CONFIGURATION

1. BUTTON CONFIGURATION FILE: VOLUME ID |__.__.__.__| FILE NAME |__.__.__.__.__.__.__.__|

2. SCHEM OR FFL PATHNAMES (DEV>VOL) (Searched left to right, top to bottom)

3. MEMORY RESIDENT SCHEMATIC OR FFL FILE NAMES (Loaded Left to right, top to bottom)

	FFL		FFL		FFL		FFL		FFL

References: Area Form Instructions in the Implementation/Engineering Operations - 1 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 2—Entries for Area Pathname Catalog Form SW88-582

LINE	NAME	DATA ENTRY	REMARKS
		PATHNAME CATALOG CONFIGURATION DISPLAY	
1	BUTTON CONFIGURATION VOLUME AND FILE	Fill in the volume ID and file name of the object file created during Button Configuration. If there is no Button Configuration file but there is a Button Name file, enter the Volume ID and file name here. If both a Button Configuration file and a Button Name file exist, they must have the same filename but different extensions.	This entry specifies the location of the object file (.KO) produced by the Button Configurator and/or the Button Name file (.KN) produced by the Text Editor.
2	SCHEMATIC OR FFL PATHNAMES	Fill in pathnames for up to 20 volumes that contain the schematics or FFLs available in this area. List them left to right, top to bottom starting with those volumes that contain the most often-needed files or those to which fastest access is required. DEVICE>VOLUME For example: NET>&D01 or $F1>SCHEM	If the US doesn't find a requested file in its memory, it searches these volumes in the order you define, to find the requested object files.
3	MEMORY-RESIDENT SCHEMATIC OR FFL FILE NAMES	Fill in the names of up to 200 schematics that you want to reside in the US memory for faster access. List them from left to right, top to bottom starting with the most-often-needed files or those to which fastest access is required If you want to list more than 35 Memory Resident Schematics, or FFL File names, page 2 of each SW88-582 form provides space for 60 more file names. You can make copies of page 2 and continue the list to name a maximum of 200 files.	When the US starts up in the Operator Personality or when the Area Change function is used, the paths listed on line 2 are searched for the schematic file names listed on line 3, and these are stored in the US memory on a space available basis.

3.3 INSTRUCTIONS FOR OVERVIEW CONFIGURATION FORM, SW88-583

Use this form to identify what groups are to be included in the Overview display and to define the fields on that display. The form and form instructions follow.

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Area No. _____ **Page 1 of 2**
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AREA OVERVIEW CONFIGURATION FORI

AREA OVERVIEW DISPLAY CONFIGURATION

1 GROUP NUMBERS*

01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36

2 NUMBER OF FIELDS |__|__|

3 FIELD DEFINITIONS

INDEX 01 FIELD TITLE |_____|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

INDEX 02 FIELD TITLE |_____|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

INDEX 03 FIELD TITLE |_____|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

*One Associated and one Help display can be configured for the Overview Display.
Use Form SW88-580A to fill in your selections.
**One related display can be configured for each field on the Overview Display.
Use Form SW88-580A to make your selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

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Area No. ______

AREA OVERVIEW CONFIGURATION FOR
(Continued)

AREA OVERVIEW DISPLAY CONFIGURATION

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

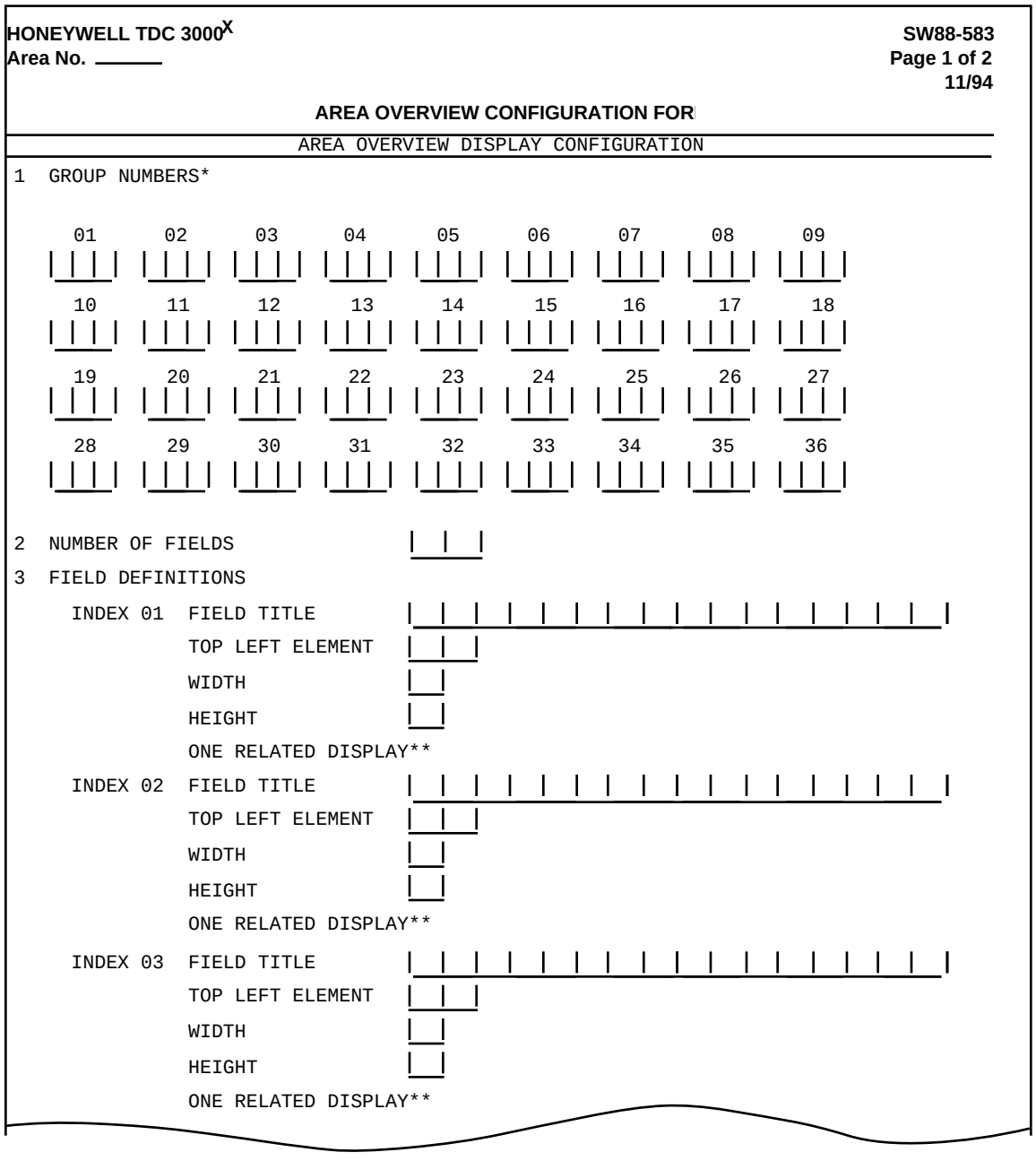
**One related display can be configured for each field on the Overview Display.
Use Form SW88-580A to make your selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 3 — Entries for Area Overview Configuration Form SW88-583

LINE	NAME	DATA ENTRY	REMARKS
		GROUP AND FIELD CONFIGURATION DISPLAY	
1	GROUP NUMBER	Fill in up to 36 3-digit numbers (1 to 400) to select Groups for inclusion in the Overview display. A zero defines a blank, i.e., no Group selected. Use Form *SW88-580A* to select one Related and one Help display for each such group.	
2	NUMBER OF FIELDS	Fill in the number of fields (1 to 36) to appear in the Overview display.	A field is one or more elements (groups) on the Overview Display, that are outlined by a rectangle. On a sheet of paper, draw a diagram of such fields with their elements, count the fields, and enter that number (0 to 36).
3	FIELD DEFINITIONS	Fill in a title of up to 16 characters for the field.	Title characters are limited to eight for a field of 1-element width, and one to 16 for a 2-element field width.
		Fill in the number of the element that is in the extreme upper-left corner of the field.	In the Overview, the top row of elements is numbered 1 to 9 from left to right, the second row down is numbered 10 to 18, etc. This number situates the field with respect to the element it encompasses.
		Fill in the width of the field, with the number of elements in a row (1 to 9).	For example, 4 defines a field four elements wide.
		Fill in the height of the field, with the number of elements in a column (1 to 4).	An Overview field is nine elements wide by four elements high.
		One Related display is permitted for each defined field. Use Form *SW88-580A* to make your selections. Continue filling in definition data for up to 36 non-overlapping fields.	

An example that shows configuration of field definition is given below. On the Overview Configuration Display, the outline of each field appears in blue, and the appropriate field title appears in each outlined field.



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3.4 INSTRUCTIONS FOR GROUP CONFIGURATION FORM, SW88-584

Use this form to identify the points to be included in a Group display, to state whether or not selected points are to be automatically included in the later configured display trend set, and to select the Default Trend Timebase. The form and form instructions follow.

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Area No. ______

AREA OVERVIEW CONFIGURATION FOR
(Continued)

AREA OVERVIEW DISPLAY CONFIGURATION

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
TOP LEFT ELEMENT |_|_|
WIDTH |_|
HEIGHT |_|
ONE RELATED DISPLAY**

**One related display can be configured for each field on the Overview Display.
Use Form SW88-580A to make your selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 4 — Entries for Area Group Configuration Form SW88-584

LINE	NAME	DATA ENTRY	REMARKS
		GROUP CONFIGURATION DISPLAY	
1	GROUP NUMBER	Fill in a 3-digit number (1 to 400) for the Group to be defined.	NOTE: The last 10 Groups can be reconfigured by the operator.
2	GROUP TITLE	Fill in the 24-character string that is the descriptor of the Group.	
3	POINT ID	Fill in up to eight 16-character point names for inclusion in the Group. For each such point, circle YES or NO to indicate whether or not the point is to be included in the Trend Set. If no "IN TREND SET?" selections are made, they default to "NO".	Any existing data point or point yet to be built. If a point is configured for inclusion in the Trend Set, it will show up in the corresponding Group Trend when that display is called up.
4	DEFAULT TREND TIMEBASE	Circle the desired time-base. NOTE: One Associated and one Help display are permitted for each Group that is defined. Fill in selections on Form *SW88-580A.*	

3.5 INSTRUCTIONS FOR PROCESS MODULE GROUP CONFIGURATION FORM, SW88-585

Use this form to select the Process Modules that are to be included in a Process Module Group display. The form and form instructions follow.

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Area No. ______

AREA OVERVIEW CONFIGURATION FOR
(Continued)

AREA OVERVIEW DISPLAY CONFIGURATION

INDEX ____ FIELD TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

INDEX ____ FIELD TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
TOP LEFT ELEMENT |__|__|
WIDTH |__|
HEIGHT |__|
ONE RELATED DISPLAY**

**One related display can be configured for each field on the Overview Display.
Use Form SW88-580A to make your selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 5 — Entries for Area Process Module Group Configuration Form SW88-585

LINE	NAME	DATA ENTRY	REMARKS
		PROCESS MODULE GROUP CONFIGURATION DISPLAY	
1	GROUP NUMBER	Fill in a 2-digit number (1 to 50) for the desired Process Module Group display.	NOTE: The operator sees these Group numbers as 401 to 450.
2	GROUP TITLE	Fill in a 24-character ID (title) for the Process Module Group selected.	
3	PROCESS MODULE ID	Enter an 8-character ID for each of up to six Process Modules to be included in the Group. Use Form *SW88-580A* to select one Associated and one Help display for the over-all Process Module Group Configuration display, and up to six Related displays, one for each of the six Process Modules that are included in the Process Module Group.	Related displays (six in all) are called up by touch targets arrayed cross the upper-right side of the Process Module Group Display.

3.6 INSTRUCTIONS FOR AREA TREND CONFIGURATION FORM, SW88-586

Use this form to define points to be paired together in 12 two-color, two-axis sets of trends. You also define the trend display title and trend timebase on this form. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No.

SW88-586
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AREA TREND CONFIGURATION FORM

AREA TREND OVERVIEW DISPLAY CONFIGURATION

1 TREND TITLE

2 TREND TIMEBASE [2 HOURS] [8 HOURS] (DEFAULTS TO "2 HOURS")

3 AXIS SET DEFINITION

POINT IDS (2 POINTS PER TREND AXIS)

CYAN 01		03	05
YELLOW 02		04	06
CYAN 07		09	11
YELLOW 08		10	12
13		15	17
		16	18

NOTE: Twenty-four Related displays are permitted, one for each of the 24 points of the Area Trend display, as well as one Associated and one Help display. Use separate Form SW88-580A to fill in your selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 6 — Entries for Area Trend Configuration Form SW88-586

LINE	NAME	DATA ENTRY	REMARKS
		AREA TREND CONFIGURATION DISPLAY	
1	TREND TITLE	Fill in up to 24 characters for the Area Trend display title.	
2	TREND TIMEBASE	Circle your choice of 2 HOURS or 8 HOURS for the timebase (X axes) of displays in the Trend Overview.	X axes are marked at 1-hour intervals.
		Use Form *SW88-580A* to fill in choices for one Associated display and one Help display.	Choose these displays as aids in determining the appropriate timebase.
3	AXIS SET DEFINITION	Fill in tag names for up to 12 pairs of points for display in the Area Trend, one of each pair for display in cyan, and one for display in yellow.	Trend axes for the first pair of points appear in the upper-left corner of the screen in the Area Trend Display. Sets of axes for each successive pair appear from left to right in three rows, proceeding from top to bottom.
		One Related display is permitted for each of 24 points in the Area Trend display. Use Form Form *SW88-580A* to fill in your choices.	X axes represent time, where the right-most point is the current time. The origin represents a time either two or eight hours earlier, depending on the timebase selected. Y axes represent 0 to 100 percent of the value of the variable.

NOTE

All points whose trend data is not to be accessed from Basic Controllers, Multifunction Controllers, or Extended Controllers on a Data Hiway must be configured in a history group.

3.7 INSTRUCTIONS FOR UNIT TREND CONFIGURATION FORM, SW88-587

Use this form to name the Unit Trend Display and its timebase, and to specify the points to be paired together in two colors, in 12, two-pair axis sets. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No.

SW88-587
8/95

UNIT TREND CONFIGURATION FORM

UNIT TREND DISPLAY CONFIGURATION

1 TREND DISPLAY NUMBER |__|__|

2 TREND TITLE
|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

3 TREND TIMEBASE [2 HOURS] [8 HOURS] (DEFAULTS TO "2 HOURS")

4 AXIS SET DEFINITION

POINT IDS (2 POINTS PER TREND AXIS)

CYAN	01 |_____|	03 |_____|	05 |_____|
YELLOW	02 |_____|	04 |_____|	06 |_____|
CYAN	07 |_____|	09 |_____|	11 |_____|
YELLOW	08 |_____|	10 |_____|	12 |_____|
	13 |_____|	15 |_____|	17 |_____|
	|_____|	16 |_____|	18 |_____|

Twenty-four Related displays are permitted, one for each of the 24 points of the Unit Trend display, as well as one Associated and one Help display. Use separate Form SW88-580A to fill in your selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 7 — Entries for Area Unit Trend Configuration Form SW88-587

LINE	NAME	DATA ENTRY	REMARKS
		UNIT TREND CONFIGURATION DISPLAY	
1	TREND DISPLAY NUMBER	Fill in the display number (1 to 36).	
2	TREND TITLE	Fill in up to 24 characters for the Unit Trend display title.	
3	TREND TIMEBASE	Circle your choice of 2 HOURS or 8 HOURS for timebase (X axes) of Trend displays in the Unit Trend display.	X axes are marked at 1 hour intervals.
4	AXIS SET DEFINITION	Fill in tag names for up to 12 pairs of points to be included in the Unit Trend display, one of each pair for display in cyan, and one of each pair for display in yellow.	Trend axes for the first pair of points appear in the upper left corner of the screen in the Unit Trend display. Sets of axes for each successive pair appear from left to right in three rows, proceeding from top to bottom. X axes represent time, where the right-most point origin represents a time either two or eight hours earlier, depending on the timebase selected. Y axes represent 0 to 100 percent of the value of the variable.
		Use Form *SW88-580A* to select 24 Related displays, one for each of the points of the Unit Trend display. Also, select one Associated and one Help display for the Unit Trend display.	Related displays (26 in all) are called up by touch targets arrayed across the upper-right side of the screen.

NOTE

All points whose trend data is not to be accessed from Basic Controllers, Multifunction Controllers, or Extended Controllers on a Data Hiway, must be configured in a history group.

3.8 INSTRUCTIONS FOR MODULE SUMMARY CONFIGURATION FORM, SW88-588

Use this form to configure each line of the Module Summary display (MC, PM, APM, and HPM Sequence Summaries). The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. ______

SW88-588
8/95

MODULE SUMMARY CONFIGURATION FOR

MODULE SUMMARY DISPLAY CONFIGURATION

1 PAGE |__|

2 ____ [BLANK] [MODULE] [HEADER]

IF HEADER: |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|
IF MODULE: |_|_|_|_|_|_|_|_|
IF BLANK, NO DATA IS REQUIRED.
RELATED DISPLAY*

____ [BLANK] [MODULE] [HEADER]

IF HEADER: |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|
IF MODULE: |_|_|_|_|_|_|_|_|
IF BLANK, NO DATA IS REQUIRED.
RELATED DISPLAY*

____ [BLANK] [MODULE] [HEADER]

IF HEADER: |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|
IF MODULE: |_|_|_|_|_|_|_|_|
IF BLANK, NO DATA IS REQUIRED.
RELATED DISPLAY*

____ [BLANK] [MODULE] [HEADER]

IF HEADER: |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|
IF MODULE: |_|_|_|_|_|_|_|_|
IF BLANK, NO DATA IS REQUIRED.
RELATED DISPLAY*

____ [BLANK] [MODULE] [HEADER]

IF HEADER: |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|
IF MODULE: |_|_|_|_|_|_|_|_|
IF BLANK, NO DATA IS REQUIRED.
RELATED DISPLAY*

____ [BLANK] [MODULE] [HEADER]

IF HEADER: |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|
IF MODULE: |_|_|_|_|_|_|_|_|
IF BLANK, NO DATA IS REQUIRED.
RELATED DISPLAY*

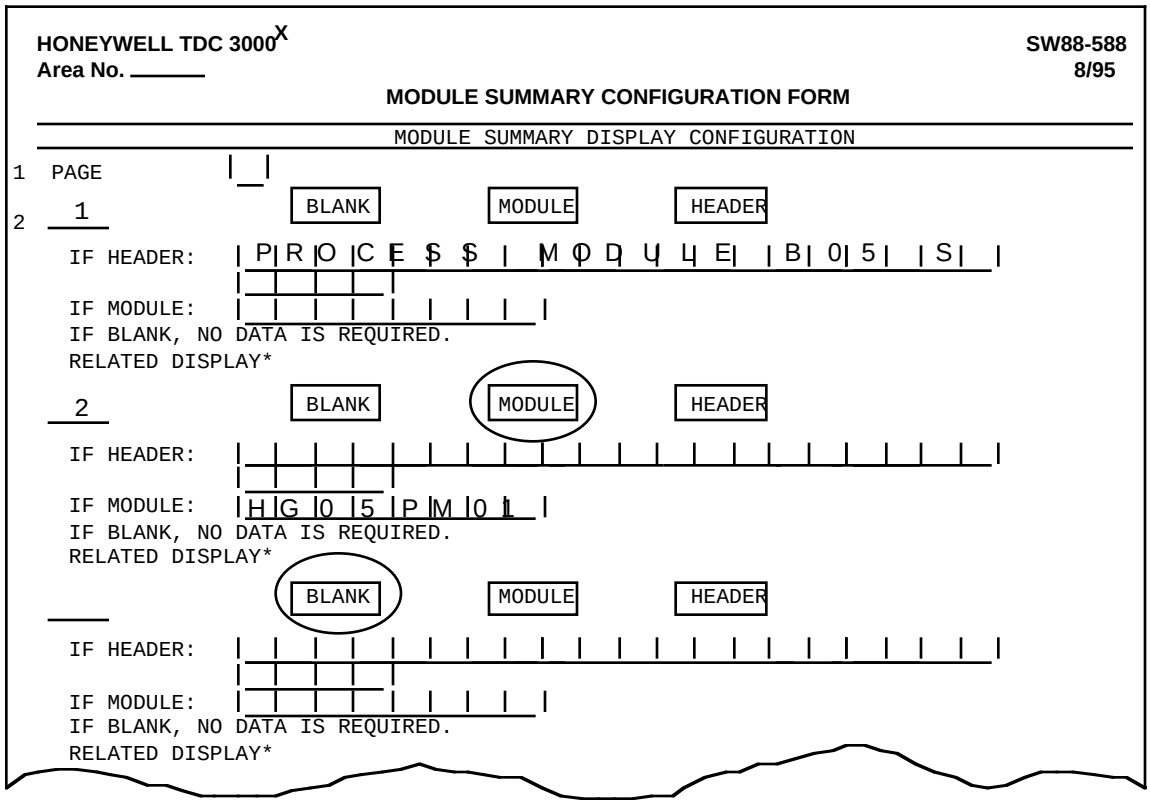
*One Related display is permitted for each line in which HEADER is selected. Use Form SW88-580A to make selection.

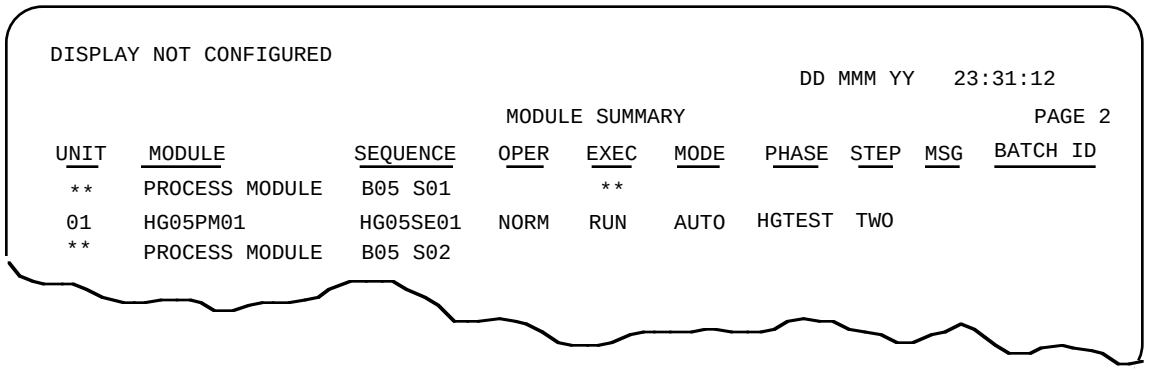
References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 8 — Entries for Module Summary Display Configuration Form SW88-588

LINE	NAME	DATA ENTRY	REMARKS
		MODULE SUMMARY CONFIGURATION DISPLAY	
1	PAGE	Enter 1 to 5.	Specifies which one of five pages is being configured. Each page is configured separately.
2		Circle the desired line type, i.e., BLANK, MODULE, or HEADER. If it is HEADER, fill in the 24-character header text. If it is MODULE, fill in the 8-character module ID. If BLANK is selected, no configuration is required. Use Form *SW88-580A* to select one Related display for each HEADER LINE. On Area's Module Summary display is called up from a user configured button. Continue filling in configuration data for up to 21 Units. NOTE: A short blank line to the left of each line of entry on the configuration form is for your convenience in numerically identifying the line of entry. These blank lines do not appear in the display.	Selective Disclosure operates in the Configuration display, i.e., entries that appear below the touch targets depend on the touch selection made, and are pertinent only to that selection. The selection of a Related display applies only if "HEADER" is selected. Process Module Detail Display may be called up from this display.

The display for this configuration form repeats for 21 entries. Related and Help display pages then follow, as shown below:





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3.9 INSTRUCTIONS FOR BATCH SUMMARY AND SYSTEM STATUS CONFIGURATION FORM, SW88-589

Use this form to select Associated displays for the Batch Summary display or the System Status display. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. _____

SW88-589
8/95

AREA BATCH SUMMARY AND SYSTEM STATUS CONFIGURATION FO

CONFIGURATION DISPLAYS

The Batch Summary and System Status displays are standard displays; however, you can use copies of Form SW88-580A to configure an Associated display and a Help display for each of these displays.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 9 — Entries for Area Batch Summary and System Status Configuration Form SW88-589

LINE	NAME	DATA ENTRY	REMARKS
		CONFIGURATION DISPLAYS	
		Use Form *SW88-580A* to select one Associated and one Help display in support of the Batch Summary or System Status displays.	The Batch Summary and System Status displays are standard displays that require no configuration except for selection of Associated and Help displays, which are called up in the Operator personality through ASSOC DISP or HELP DSPLY keys, when the Batch Summary display or the System Status display is on the screen.

3.10 INSTRUCTIONS FOR SYSTEM STATUS DISPLAY

The System Status Display is a standard display that requires no configuration. If needed, you can define other displays to be Associated or Help displays (these displays are defined under 2.1) to the System Status Display. Use configuration form *SW88-580A* to define an Associated display, or a Help display, or both. Instructions for this form are under 3.2.1.

3.11 INSTRUCTIONS FOR ANNUNCIATOR CONFIGURATION FORM, SW88-590

Use this form to configure annunciator boxes on the Annunciator display and to assign data points to those boxes. The form and form instructions follow.

HONEYWELL TDC 3000X **SW88-590**
Area No. ______ **8/95**

AREA ANNUNCIATOR CONFIGURATION FOR

ANNUNCIATOR DISPLAY CONFIGURATION

BOX NUMBER |__|__|__|

BOX TITLE |__|__|__|__|

|__|__|__|__|

Point Usage ENTITY ID PRIMMOD

NUMBER OF POINTS |__|__|

POINT NAMES |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

RELATED DISPLAY DEFINITION*

SCREEN NUMBER |__|__|

DISPLAY TYPE |__|__|__|__|__|__|__|__|

SCHEMATIC NAME |__|__|__|__|__|__|__|__|

*One related display is permitted for each annunciator box. Use Form SW88-580A to make selections.

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 10 — Entries for Area Annunciator Configuration Form SW88-590

LINE	NAME	DATA ENTRY	REMARKS
		CONFIGURATION DISPLAYS	
		Fill in the box number (1 to 100)	The boxes on the Annunciator Display are numbered left to right, top to bottom through box number 60.
1	ANNUNCIATOR BOX DEFINITION	Fill in the 8-character title (descriptor) for this box. Select a point usage: Entity ID for specific process point names or Primmod point (see note below). Enter the number of points Fill in the tag names for the points (1 - 10) whose alarms are to be annunciated by this box.	NOTE: Operator sees "BOX TITLE" as two lines of four characters each.

continued -

NOTE

If a Primmod or $MPROD name is used in an Annunciator Assignment:

For R500 - R510 systems the Primmod Name must exist as an entity in the system.

For R520 and later systems, if the AM Multiple Primmod Alarming option in the Network Configuration File is set to—

- `Multiple Primmod Option Disabled`, the Primmod must exist as an entity in the system.
- `Multiple Primmod Option Enabled Exclusive or Inclusive`, the Primmod name does not have to exist as an entity in the system.

Table 10 — continued

LINE	NAME	DATA ENTRY	REMARKS
		One Related display is permitted for each annunciator box. Use Form *SW88-580A* to make your selection. Repeat the procedure for up to 100 boxes. Fill in "Box" numbers as required. **IMPORTANT**: While 100 boxes can be involved, no more than a total of 600 points can be configured in this display.	

NOTE

Use as many copies of Form SW88-590 as the number of annunciator boxes you configure
on the Annunciator display. The Associated display and Help display are configured with box one only.

3.12 INSTRUCTIONS FOR STANDARD LOG CONFIGURATION FORM, SW88-592

Use this form to define for a Standard Log how and when it is invoked, what printer is to be used, what form is to be used to print on, the number of values for each point, and the number and identity of the points in the log. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. ______

SW88-592
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AREA STANDARD LOG CONFIGURATION FOR

STANDARD LOG CONFIGURATION

1 LOG NUMBER |__|__|__|

2 LOG NAME |__|__|__|__|__|__|__|__|

3 LOG DESCRIPTION |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
|__|__|__|__|

4 INVOCATION TYPE [DEMAND] [PERIODIC] (DEFAULTS TO "DEMAND")

5 INITIALLY ACTIVE? [YES] [NO] (DEFAULTS TO "NO")

6 SCHEDULE INFORMATION

DAYS OF WEEK: [SUN] [MON] [TUE] [WED] [THU] [FRI] [SAT]

(DEFAULTS TO ALL DAYS)

START TIME: |__|__| : |__|__| PERIOD: |__|__| : |__|__|

7 PRINTER ID |__|__|

8 HEADER SUPPRESSION [YES] [NO] (DEFAULTS TO "NO")

9 FORMAT [VERTICAL] [HORIZONTAL] (DEFAULTS TO "VERTICAL")

10 DATA TYPE [CURRENT] [HOURLY] [SHIFT] [DAILY] [MONTHLY] (DEFAULTS TO "CURRENT")
[REAL] [USER]

11 NUMBER OF VALUES PER POINT |__|__|__|

12 NUMBER OF POINTS |__|__|__|

13 POINTS IN THE LOG

INDEX 001 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__| INDEX 002 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

INDEX 003 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__| INDEX 004 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

INDEX 005 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__| INDEX 006 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

INDEX 007 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__| INDEX 008 |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

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HONEYWELL TDC 3000[X]
Area No. ______

AREA STANDARD LOG CONFIGURATION FOR
(Continued)

STANDARD LOG CONFIGURATION

INDEX ___ |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_| INDEX ___ |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
INDEX ___ |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_| INDEX ___ |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
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References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 11 — Entries for Standard (Fixed Format) Log Configuration Form SW88-592

LINE	NAME	DATA ENTRY	REMARKS
		STANDARD LOG CONFIGURATION DISPLAY	
1	LOG NUMBER	Fill in a 3-digit number for the log.	This number must be unique among standard log numbers.
2	LOG NAME	Fill in the 8-character log identifier (ID). This ID must be unique among all Reports, Logs, Journals, and Printed Trends.	For example, FEEDLINE.
3	LOG DESCRIPTION	Fill in the 24-character log description.	For example, FEEDLINE HOURLY FLOWS.
4	INVOCATION	Circle choice, DEMAND or PERIODIC.	Choice of PERIODIC exposes items 5 and 6 below. This is caused by the Selective Disclosure feature.
5	INITIALLY ACTIVE?	Circle choice, YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
6	SCHEDULE INFORMATION	Circle days of week that logging is to be active. Fill in start time of the logging print-out, with the hour and minute. Fill in length of the printing period, in hours and minutes.	 1.0 minute is the minimum permissible length for a period. This is the INTERVAL between printings. A period of 0(zero) results in 24 hours.
7	PRINTER ID	Fill in the 2-digit device ID of the printer to be used.	
8	HEADER	Circle choice, YES or NO.	Select YES to use your own forms for the print-out.

(continued on next page)

Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.

Table 11 — Entries for Standard (Fixed Format) Log Configuration Form SW88-592
(continued)

LINE	NAME	DATA ENTRY	REMARKS
		STANDARD LOG CONFIGURATION DISPLAY	
9	FORMAT	Circle choice.	For VERTICAL format, data is logged in columns under point names arrayed across the top of the page; for HORIZONTAL format, data is arrayed across the age, with point names listed along the left side of the page.
10	DATA TYPE	Circle choice.	Selects the type of data to be displayed or printed in this standard log. CURRENT—Snapshot Values* HOURLY—Hourly Averages* SHIFT—Shift Averages* DAILY—Daily Averages* MONTHLY—Monthly Averages* REAL—Current PV Value** USER—User Averages* *Continuous history data; the type selected should be configured (HM Volume Configuration in Network Configuration) for each point included in this log. **This is the real time value—no history collection is involved.
11	NUMBER OF VALUES PER POINT	Fill in the number of values for each point.	This depends on the selection under item 10 above.
Note: If data type is CURRENT and snapshot period is 60 sec= Number of values for each point in log. If data type is CURRENT and snapshot period is <60 sec= Number of minutes of snapshot data included in log. Other data types:Number of values for each point in log.			
12	NUMBER OF POINTS	Fill in the number of points in the log (1 to 100).	While up to 100 points can be assigned to a log, the total number of points for all standard logs cannot exceed 1000.
Note: Although an odd number of points may be entered, an even number of points appears.			

(continued on next page)

Table 11 — Entries for Standard (Fixed Format) Log Configuration Form SW88-592
(continued)

LINE	NAME	DATA ENTRY	REMARKS
		STANDARD LOG CONFIGURATION DISPLAY	
13	POINTS IN LOG	Fill in the 16-character identifiers of the points to be included in this log. Index numbers are automatically inserted on the screen.	Index numbers are automatically inserted on the screen.

3.13 INSTRUCTIONS FOR FREE FORMAT LOG DEFINITION CONFIGURATION FORM, SW88-593

Use this form to specify how and when a Free Format Log is to be invoked, and what printer is to be used. The content and appearance of the Free Format Log are defined through the FREE FORMAT LOG activity on the Engineering Main Menu.

HONEYWELL TDC 3000X
Area No. _____

SW88-593
8/95

AREA FREE FORMAT LOG CONFIGURATION FOR

FREE FORMAT LOG CONFIGURATION

1 LOG NUMBER |__|__|

2 LOG NAME |__|__|__|__|__|__|__|__|

3 VOLUME ID |__|__|__|__|

4 LOG DESCRIPTION |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|

5 INVOCATION TYPE [DEMAND] [PERIODIC] (DEFAULTS TO "DEMAND")

6 INITIALLY ACTIVE? [YES] [NO] (DEFAULTS TO "NO")

7 SCHEDULE INFORMATION

DAYS OF WEEK: [SUN] [MON] [TUE] [WED] [THU] [FRI] [SAT]

START TIME: |__|__| : |__|__| PERIOD: |__|__| : |__|__| (DEFAULTS TO ALL DAYS)

|__|__|

8 PRINTER ID (DEFAULTS TO "1")

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 12 — Entries for Free Format Log Definition Configuration Form SW88-593

LINE	NAME	DATA ENTRY	REMARKS
		FREE FORMAT LOG DEFINITION CONFIGURATION DISPLAY	
1	LOG NUMBER	Fill in a 3-digit Free Format Log number.	This number must be unique among Free Format Log numbers.
2	LOG NAME	Fill in the 8-character log identifier (ID). This ID must be unique among all Reports, Logs, Journals, and Printed Trends.	For example, FEEDFLOW. This is also used as the file name.
3	LOG DESCRIPTION	Fill in the 24-character log description.	For example, FEEDLINE HOURLY FLOWS.
4	INVOCATION	Circle DEMAND or PERIODIC.	Choosing PERIODIC exposes items 6 and 7, due to Selective Disclosure.
5	INITIALLY ACTIVE?	Circle choice, YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
6	SCHEDULE INFORMATION	Circle days of week that logging is to be active. Fill in start time of the log printout, with the hour and minute. Fill in the length of the printing period, in hours and minutes.	1.0 minute is the minimum permissible length for a period. This is the INTERVAL between printings.
7	PRINTER ID	Fill in the 2-digit identification of printer.	

Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.
Note: The Area Manager searches the Pathname Catalog for user requested Free Format Logs. This allows the logs to reside on external media.

3.14 INSTRUCTIONS FOR SOE JOURNAL CONFIGURATION FORM, SW88-579

Use this form to define the SOE Journal by name, title and type, how and when it is to be invoked, what printer is to be used, the time span, and the Units to be included in the journal. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. ______

SW88-579
8/95

AREA SOE JOURNAL CONFIGURATION FOR

SOE JOURNAL CONFIGURATION

1 JOURNAL NUMBER |_|_|_| (DEFAULTS TO 1)

2 JOURNAL NAME |_|_|_|_|_|_|_|_|

3 JOURNAL TITLE |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

4 PRINTER ID |_|_| (DEFAULTS TO 1)

5 HM NODE NUMBER |_|_|

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 13 — Entries for SOE Journal Configuration Form SW88-579

LINE	NAME	DATA ENTRY	REMARKS
		SOE JOURNAL CONFIGURATION	
1	JOURNAL NUMBER	Fill in the 3-digit Journal number.	
2	JOURNAL NAME	Fill in an 8-character Journal name. This name must be unique among all Reports, Logs, Journals and Printed Trends.	In Report Configuration (heading 3.16), the JOURNAL NAME is listed in Items in Report to invoke the Journal.
3	JOURNAL TITLE	Fill in a 24-character Journal title.	
4	PRINTER ID	Fill in the 2-digit device ID for the printer.	
5	HM NODE NUMBER	2 DIGIT HM NODE NUMBER	01 - 64

Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.

Note: An Area SOE Journal will journal/report SOE data only for the units assigned to that History Module. If the units assigned to an Area are resident on different HMs for journalling purposes, additional Area SOE Journals can be configured. Up to 20 Area SOE Journals can be configured.

3.15 INSTRUCTIONS FOR PROCESS JOURNAL CONFIGURATION FORM, SW88-594

Use this form to define the Process Journal by name, title and type, how and when it is to be invoked, what printer is to be used, the time span, and the Units to be included in the journal. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. _____

SW88-594
8/95

AREA PROCESS JOURNAL CONFIGURATION FOR

PROCESS JOURNAL CONFIGURATION

1 JOURNAL NUMBER |__|__|

2 JOURNAL NAME |__|__|__|__|__|__|__|__|

3 JOURNAL TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

4 JOURNAL TYPE*

[ALARM] [OPERMSG] [OPERCHG] (DEFAULTS TO "ALARM")

5 INVOCATIVE TYPE? [DEMAND] [PERIODIC] (DEFAULTS TO "DEMAND")

6 INITIALLY ACTIVE? [YES] [NO] (DEFAULTS TO "NO")

7 SCHEDULE INFORMATION

DAYS OF WEEK: [SUN] [MON] [TUE] [WED] [THU] [FRI] [SAT]

START TIME: |__|__| :|__|__| PERIOD: |__|__| : |__|__| (DEFAULTS TO ALL DAYS)

8 PRINTER ID |__|__| (DEFAULTS TO "1")

9 TIME SPAN |__|__|__| (DEFAULTS TO "0")

10 NUMBER OF UNITS |__|__|

1 |__|__|	13 |__|__|	25 |__|__|
2 |__|__|	14 |__|__|	26 |__|__|
3 |__|__|	15 |__|__|	27 |__|__|
4 |__|__|	16 |__|__|	28 |__|__|
5 |__|__|	17 |__|__|	29 |__|__|
6 |__|__|	18 |__|__|	30 |__|__|
7 |__|__|	19 |__|__|	31 |__|__|
8 |__|__|	20 |__|__|	32 |__|__|
9 |__|__|	21 |__|__|	33 |__|__|
10 |__|__|	22 |__|__|	34 |__|__|
11 |__|__|	23 |__|__|	35 |__|__|
12 |__|__|	24 |__|__|	36 |__|__|

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 14 — Entries for Area Journal Configuration Form SW88-594

LINE	NAME	DATA ENTRY	REMARKS
		JOURNAL CONFIGURATION DISPLAY	
1	JOURNAL NUMBER	Fill in the 3-digit Journal number.	
2	JOURNAL NAME	Fill in an 8-character Journal name. This name must be unique among all Reports, Logs, Journals and Printed Trends.	In Report Configuration (heading 3.16), the JOURNAL NAME is listed in Items in Report to invoke the Journal.
3	JOURNAL TITLE	Fill in a 24-character Journal title.	
4	JOURNAL TYPE	Circle one.	Alarm journal, operator-message journal, or operator-change journal.
5	INVOCATION TYPE	Circle DEMAND or PERIODIC.	Choice of PERIODIC exposes items 6 and 7. This is because of the Selective Disclosure feature.
6	INITIALLY ACTIVE?	Circle YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
7	SCHEDULE INFORMATION	Circle the days of the week that journaling is to be active. Fill in the START TIME of the Journal print-out, with the hour and minute. Fill in the length of the Journal printing period in hours and minutes.	 0(zero) results in 24 hours.
8	PRINTER ID	Fill in the 2-digit device ID for the printer.	
9	TIME SPAN	Fill in the 2-digit TIME SPAN, in hours from the present, that the Journal is to cover.	
10	UNITS	Fill in up to 36 2-character Unit identifiers for units whose events are to be reported in this journal. Also fill in the total number of units in the blocks adjacent to NUMBER OF UNITS.	

Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.

3.16 INSTRUCTIONS FOR PRINTED TREND CONFIGURATION FORM, SW88-595

Use this form to state the number and name of a Trend, to select how and when it is to be invoked, what printer is to be used, and the time span, and to state the Group to be trended. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. ———

SW88-595
8/95

AREA PRINTED TREND CONFIGURATION FOR

PRINTED TREND DISPLAY CONFIGURATION

1 TREND NUMBER |__|__|

2 TREND NAME |__|__|__|__|__|__|__|__|

3 TREND TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

4 INVOCATION TYPE [DEMAND] [PERIODIC] (DEFAULTS TO "DEMAND")

5 INITIALLY ACTIVE? [YES] [NO] (DEFAULTS TO "NO")

6 SCHEDULE INFORMATION

(DEFAULTS TO ALL)

DAYS OF WEEK: [SUN] [MON] [TUE] [WED] [THU] [FRI] [SAT]

START TIME: |__|__| :|__|__| PERIOD: |__|__| :|__|__|

7 PRINTER ID |__|__| (DEFAULTS TO "1")

8 TIME SPAN |__|__| (DEFAULTS TO "0")

9 GROUP NUMBER |__|__|__| (DEFAULTS TO "1")

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

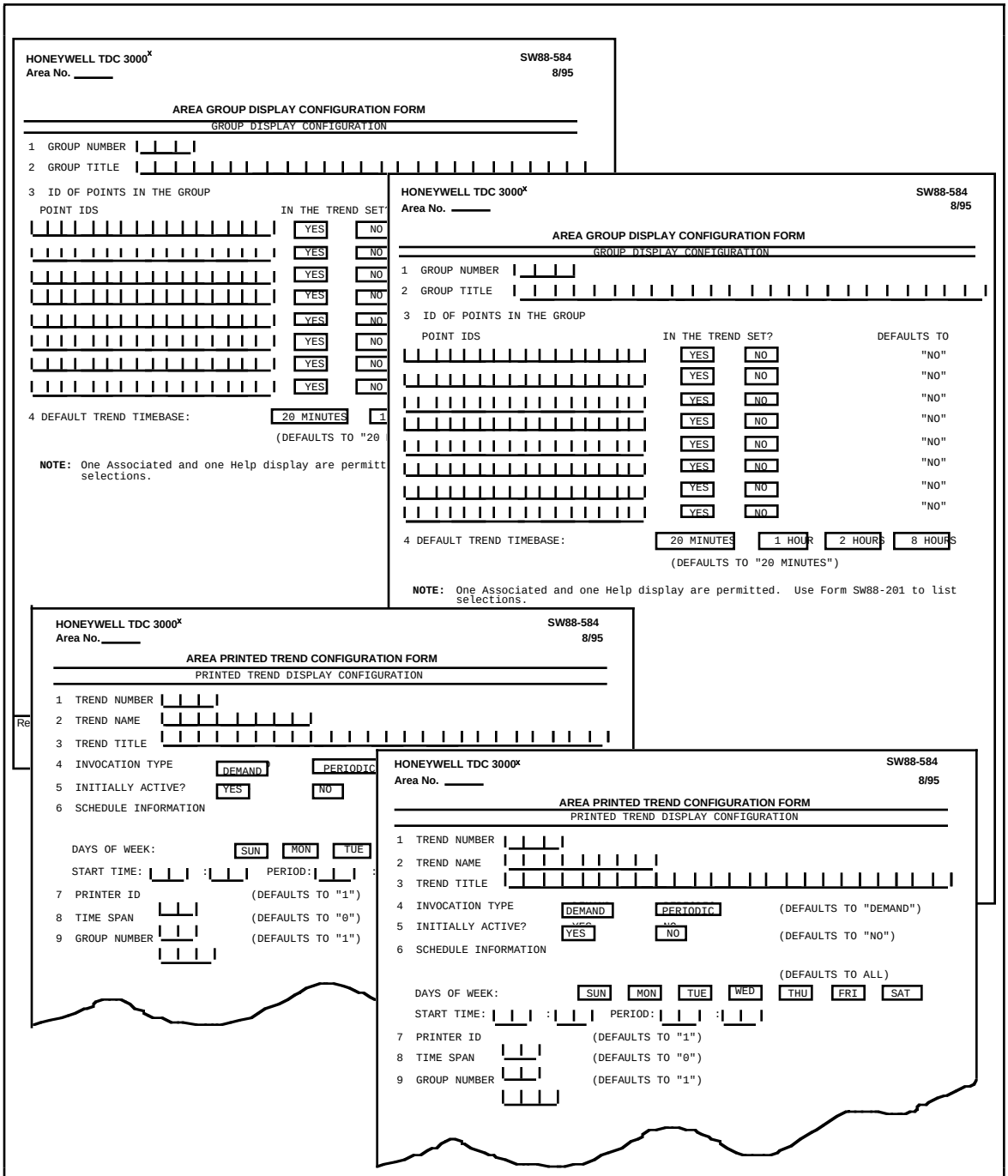
Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.

Table 15 — Entries for Area Printed Trend Configuration Form SW88-595

LINE	NAME	DATA ENTRY	REMARKS
		PRINTED TREND CONFIGURATION DISPLAY	
1	TREND NUMBER	Fill in the 3-digit Trend number.	
2	TREND NAME	Fill in the 8-character Trend name. This name must be unique among all Reports, Logs, Journals and Printed Trends.	This is the Trend Set identifier.
3	TREND TITLE	Fill in the 24-character Trend Set title.	This is the Trend Set descriptor.
4	INVOCATION	Circle DEMAND or PERIODIC.	Choice of PERIODIC TYPE exposes items 5 and 6. This is because of the Selective Disclosure feature.
5	INITIALLY ACTIVE?	Circle YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
6	SCHEDULE INFORMATION	Circle the days of the week that trending is to be active. Fill in the START TIME of the Trend printout, with the hour and minute. Fill in the length of the Trend printing period, in hours and minutes.	0(zero) results in 24 hours.
7	PRINTER ID	Fill in the 2-digit device ID of the printer.	
8	TIME SPAN	Fill in the 2-digit TIME SPAN, in hours from the present, that the Trend print is to cover.	
9	GROUP NUMBER	Fill in the Group number (1 to 400) of the Group of points to be trend printed.	

NOTE

The points to be trend printed must be configured in a Group Display (refer to heading 3.4). An example of printed trend configuration is given on the following page.



Example of Printed Trend Configuration

3641

3.17 INSTRUCTIONS FOR REPORT CONFIGURATION FORM, SW88-596

Use this form to name a Report and to select how and when it is to be invoked, what printer is to be used, and what items are to be in the Report.

This form is used to configure a composite report consisting of previously configured logs, printed trends, and journals. Report configuration includes specification of how and when the report is to be invoked, which printer is to be used and the names of the logs, trends, and journals that are to be included. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. ______

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8/95

AREA REPORT CONFIGURATION FORI

REPORT DISPLAY CONFIGURATION

1 REPORT NUMBER |__|__|__|

2 REPORT NAME |__|__|__|__|__|__|__|__|

3 REPORT TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

4 INVOCATION TYPE [DEMAND] [PERIODIC] (DEFAULTS TO "DEMAND")

5 INITIALLY ACTIVE? [YES] [NO] (DEFAULTS TO "NO")

6 SCHEDULE INFORMATION (DEFAULTS TO ALL)

DAYS OF WEEK: [SUN] [MON] [TUE] [WED] [THU] [FRI] [SAT]

START TIME: |__|__| : |__|__| PERIOD: |__|__| : |__|__|

7 PRINTER ID |__|__| (DEFAULTS TO "1")

8 NUMBER OF ITEMS IN REPORT |__|__|

9 ITEMS IN REPORT |__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.

Table 16 — Entries for Area Report Configuration Form SW88-596

LINE	NAME	DATA ENTRY	REMARKS
		REPORT CONFIGURATION DISPLAY	
1	REPORT NUMBER	Fill in the number of the Report.	
2	REPORT NAME	Fill in the 8-character Report name.	This is the Report identifier.
3	REPORT TITLE	Fill in the 24-character Report title.	This is the Report descriptor.
4	INVOCATION TYPE	Circle DEMAND or PERIODIC.	Choice of PERIODIC exposes further selections.
5	INITIALLY ACTIVE?	Circle YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
6	SCHEDULE INFORMATION	Circle days of week that Reporting is to be active. Fill in start time of Reporting, with the hour and minute. Fill in length of the printing period, in hours and minutes.	For PERIODIC Reports only.
7	PRINTER ID	Fill in the printer number	Valid entries are 1 to 30. (1 to 30).
8	NUMBER OF ITEMS IN THE REPORT	Fill in the number of items in the Report (1 to 10 items).	
9	ITEMS IN REPORT	Fill in up to 10 8-character names of items to be included in the Report.	Items can be journals, logs or printed trends.

NOTE

The identifiers of the items in the report are the names assigned in the following:

- Standard Log Configuration ("Log Name"—see heading 3.12)
- Free Format Log ("Log Name"—see heading 3.13)
- SOE Journal ("Journal Name"—see heading 3.14)
- Process Journal ("Journal Name"—see heading 3.15)
- Printed Trend Configuration ("Trend Name"—see heading 3.16)
- System Journal ("Journal Name"—see heading 3.18)

3.18 INSTRUCTIONS FOR SYSTEM JOURNAL ASSIGNMENTS CONFIGURATION FORM, SW88-597

Use this form to name the System Journal and to select the type, how and when it is to be invoked, and what printer is to be used. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. _____

SW88-597
8/95

AREA SYSTEM JOURNAL CONFIGURATION FOR

SYSTEM JOURNAL CONFIGURATION

1 JOURNAL NUMBER |__|__|

2 JOURNAL NAME |__|__|__|__|__|__|__|__|

3 JOURNAL TITLE |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

4 JOURNAL TYPE [SYSSTAT] [SYSERR] [SYSMAINT] (DEFAULTS TO "SYSSTAT")

5 INVOCATION TYPE? [DEMAND] [PERIODIC] (DEFAULTS TO "DEMAND")

6 INITIALLY ACTIVE? [YES] [NO] (DEFAULTS TO "NO")

7 SCHEDULE INFORMATION (DEFAULTS TO ALL)

DAYS OF WEEK: [SUN] [MON] [TUE] [WED] [THU] [FRI] [SAT]

START TIME: |__|__|:|__|__| PERIOD: |__|__|:|__|__|

8 PRINTER ID |__|__| (DEFAULTS TO "1")

9 TIME SPAN |__|__|__| (DEFAULTS TO "0")

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 17 — Entries for Area System Journal Configuration Form SW88-597

LINE	NAME	DATA ENTRY	REMARKS
		AREA JOURNAL CONFIGURATION DISPLAY	
1	JOURNAL NUMBER	Fill in the number of the Journal.	
2	JOURNAL NAME	Fill in the 8-character Journal name.	
3	JOURNAL TITLE	Fill in the 24-character Journal title.	
4	JOURNAL TYPE	Circle choice, SYSTAT, SYSERR, or SYSMAINT.	SYSTAT shows system status changes over the hours selected. SYSERR lists system errors. SYSMAINT lists maintenance recommendations. These journals are stored in the History Module.
5	INVOCATION TYPE	Circle choice, DEMAND or PERIODIC.	Choice of PERIODIC exposes items 6 and 7 due to the Selective Disclosure feature.
6	INITIALLY ACTIVE?	Circle choice, YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
7	SCHEDULE INFORMATION	Circle the days of the week that journaling is to be active. Fill in the START TIME of the journal printout, with the hour and minute. Fill in the length of the journaling printing period, in hours and minutes.	
8	PRINTER ID	Fill in the 2-digit identification of the printer.	
9	TIME SPAN	Fill in the 2-digit TIME SPAN, in the hours from the present, that the TREND print is to cover.	

Note: Refer to subsection 2.6 for the maximum number of logs/reports allowed.

3.19 INSTRUCTIONS FOR LCN NODE ANNUNCIATION POLICY CONFIGURATION FORM, SW88-598

Use this form to select alarm annunciation for the nodes on the Local Control Network. The form and form instructions follow.

HONEYWELL TDC 3000X
Area No. _____

SW88-598
8/95

AREA LCN NODE ANNUNCIATION POLICY CONFIGURATION FOI

LCN NODE ANNUNCIATION POLICY DISPLAY CONFIGURATION

1 ANNUNCIATION POLICY ALL DEFAULTS = "YES"

ADDRESS ANNUNCIATED?			ADDRESS ANNUNCIATED?			ADDRESS ANNUNCIATED?		
01	YES	NO	02	YES	NO	03	YES	NO
04	YES	NO	05	YES	NO	06	YES	NO
07	YES	NO	08	YES	NO	09	YES	NO
10	YES	NO	11	YES	NO	12	YES	NO
13	YES	NO	14	YES	NO	15	YES	NO
16	YES	NO	17	YES	NO	18	YES	NO
19	YES	NO	20	YES	NO	21	YES	NO
22	YES	NO	23	YES	NO	24	YES	NO
25	YES	NO	26	YES	NO	27	YES	NO
28	YES	NO	29	YES	NO	30	YES	NO
31	YES	NO	32	YES	NO	33	YES	NO
34	YES	NO	35	YES	NO	36	YES	NO
37	YES	NO	38	YES	NO	39	YES	NO
40	YES	NO	41	YES	NO	42	YES	NO
43	YES	NO	44	YES	NO	45	YES	NO
46	YES	NO	47	YES	NO	48	YES	NO
49	YES	NO	50	YES	NO	51	YES	NO
52	YES	NO	53	YES	NO	54	YES	NO
55	YES	NO	56	YES	NO	57	YES	NO
58	YES	NO	59	YES	NO	60	YES	NO
61	YES	NO	62	YES	NO	63	YES	NO
64	YES	NO						

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 18 — Entries for Area LCN Node Annunciation Policy Configuration Form SW88-598

LINE	NAME	DATA ENTRY	REMARKS
	LCN NODE ANNUNCIATION POLICY CONFIGURATION DISPLAY		
1	ANNUNCIATION POLICY	Circle choice, YES or NO for up to 64 LCN nodes. Select "YES" for LCN nodes whose alarm conditions are to be announced at USs using this area database. US failures are annunciated only in the console that contains the US; however, node status for any US can be displayed at any console.	Where no choice is made for an LCN node, annunciation defaults to "YES."

NOTE

Whenever the LCN Node Annunciation Policy Configuration is changed, all Universal Stations in the Console using that Area must be shutdown and reloaded before the new annunciator configuration is effective.

3.20 INSTRUCTIONS FOR PROCESS NETWORK DEVICE ANNUNCIATION POLICY CONFIGURATION FORM, SW88-599

Use this form to select which boxes (process-connected boxes on a Data Hiway) or which PMs, APMs, or HPMs, etc., on an UCN are to have alarm annunciation. Use a separate form for each hiway and each UCN. The form and form instructions follow.

HONEYWELL TDC 3000X
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AREA PROCESS NETWORK DEVICE ANNUNCIATION POLICY CONFIGURATION FO

PROCESS NETWORK DEVICE ANNUNCIATION POLICY DISPLAY CONFIGURATION

1 PROCESS NETWORK NUMBER | _ | _ |

2 ANNUNCIATION POLICY ALL DEFAULTS = "YES"

ADDRESS ANNUNCIATED?			ADDRESS ANNUNCIATED?			ADDRESS ANNUNCIATED?		
01	YES	NO	02	YES	NO	03	YES	NO
04	YES	NO	05	YES	NO	06	YES	NO
07	YES	NO	08	YES	NO	09	YES	NO
10	YES	NO	11	YES	NO	12	YES	NO
13	YES	NO	14	YES	NO	15	YES	NO
16	YES	NO	17	YES	NO	18	YES	NO
19	YES	NO	20	YES	NO	21	YES	NO
22	YES	NO	23	YES	NO	24	YES	NO
25	YES	NO	26	YES	NO	27	YES	NO
28	YES	NO	29	YES	NO	30	YES	NO
31	YES	NO	32	YES	NO	33	YES	NO
34	YES	NO	35	YES	NO	36	YES	NO
37	YES	NO	38	YES	NO	39	YES	NO
40	YES	NO	41	YES	NO	42	YES	NO
43	YES	NO	44	YES	NO	45	YES	NO
46	YES	NO	47	YES	NO	48	YES	NO
49	YES	NO	50	YES	NO	51	YES	NO
52	YES	NO	53	YES	NO	54	YES	NO
55	YES	NO	56	YES	NO	57	YES	NO
58	YES	NO	59	YES	NO	60	YES	NO
61	YES	NO	62	YES	NO	63	YES	NO
64	YES	NO						

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 19 — Entries for Area Hiway Box Annunciation Policy Configuration Form SW88-599

LINE	NAME	DATA ENTRY	REMARKS
	PROCESS NETWORK ANNUNCIATION POLICY CONFIGURATION DISPLAY		
1	PROCESS NETWORK NUMBER	Fill in the 2-digit number number (1 to 20) for the Process Network, which is either the Data Hiway or the UCN.	Use leading zero.
2	ANNUNCIATION POLICY	Circle choice, YES or NO, for up to 63 boxes. Select "YES" for boxes whose alarm conditions are to be annunciated.	Where no choice is made for a box, annunciation defaults to "YES."

NOTE

Whenever the Process Network Annunciation Policy Configuration is changed, all Universal Stations in the Console using that Area must be shutdown and reloaded before the new annunciator configuration is effective.

3.21 INSTRUCTIONS FOR REAL-TIME JOURNAL ASSIGNMENTS CONFIGURATION FORM, SW88-580

Use this form to set up Real-Time Journals. The form and form instructions follow.**3.21**

HONEYWELL TDC 3000X **SW88-580**
Area No. _____ **8/95**

AREA REAL-TIME JOURNAL ASSIGNMENTS CONFIGURATION DISPL

REAL-TIME JOURNAL ASSIGNMENTS DISPLAY CONFIGURATION

1 JOURNAL ASSIGNMENT

JOURNAL TYPE	INITIALLY ACTIVE?		PRINTER ID
PROCESS ALARMS	YES	NO	|__|__|
OPERATOR PROCESS CHANGES	YES	NO	|__|__|
OPERATOR MESSAGES	YES	NO	|__|__|
SYSTEM STATUS CHANGES	YES	NO	|__|__|
SYSTEM ERROR MESSAGES	YES	NO	|__|__|
SYSTEM MAINTENANCE MESSAGES	YES	NO	|__|__|
	(DEFAULTS TO "YES")		(DEFAULTS TO "1")

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 20 — Entries for Real-Time Journal Assignments Configuration Form SW88-580

LINE	NAME	DATA ENTRY	REMARKS
	REAL-TIME JOURNAL ASSIGNMENTS CONFIGURATION DISPLAY		
1	JOURNAL ASSIGNMENTS		The only choices are whether each type of data is to be printed when the area goes on-line or must be invoked by the operator.
	INITIALLY ACTIVE?	Circle choice, YES or NO.	Determines if the periodic log is active when the area is brought on line or must be activated by the operator.
		Fill in the 2-digit device ID of the printer to be used.	

3.22 INSTRUCTIONS FOR REFERENCE (RELATED, ASSOCIATED, AND HELP) DISPLAY CONFIGURATION FORM, SW88-580A

Use this form to define the numbers and types of Reference displays for any of the preceding forms in this manual. The form and form instructions follow.

HONEYWELL TDC 3000X **SW88-580A**
Area No. ____ **8/95**

AREA REFERENCE (RELATED, ASSOCIATED AND HELP) DISPLAY CONFIGURATION FOI

Used with AREA Configuration Form Number: ________________

RELATED, ASSOCIATED AND HELP DISPLAY CONFIGURATION

INDEX ____

1 SCREEN NUMBER |__|__|
2 DISPLAY TYPE |__|__|__|__|__|__|__|__|
3 SCHEMATIC NAME |__|__|__|__|__|__|__|__|
4 DISPLAY NUMBER |__|__|
5 BOX NUMBER |__|__|
6 GROUP NUMBER |__|__|__|
7 PRESELECTED SLOT |__|
8 POINT ID |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
9 UNIT ID |__|__|

INDEX ____

1 SCREEN NUMBER |__|__|
2 DISPLAY TYPE |__|__|__|__|__|__|__|__|
3 SCHEMATIC NAME |__|__|__|__|__|__|__|__|
4 DISPLAY NUMBER |__|__|
5 BOX NUMBER |__|__|
6 GROUP NUMBER |__|__|__|
7 PRESELECTED SLOT |__|
8 POINT ID |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
9 UNIT ID |__|__|

INDEX ____

1 SCREEN NUMBER |__|__|
2 DISPLAY TYPE |__|__|__|__|__|__|__|__|
3 SCHEMATIC NAME |__|__|__|__|__|__|__|__|
4 DISPLAY NUMBER |__|__|
5 BOX NUMBER |__|__|
6 GROUP NUMBER |__|__|__|
7 PRESELECTED SLOT |__|
8 POINT ID |__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|
9 UNIT ID |__|__|

References: Area Form Instructions in the Implementation/Engineering Operations - 2 binder.
Data Entity Builder Manual in the Implementation/Engineering Operations - 1 binder.

Table 21 — Entries for Area Reference (Related, Associated, or Help) Display Configuration Form SW88-580A

LINE	NAME	DATA ENTRY	REMARKS
	RELATED, ASSOCIATED, AND HELP DISPLAY CONFIGURATION		
1	SCREEN NUMBER SCREENUM()	Fill in the number of the screen on which the display is to appear. This number is 0 through 20 with the dual-screen function, otherwise it is 0 through 10.	Zero specifies "this screen," i.e., the screen of the Universal Station where the entry is made. This number is defined in Network Configuration, on the US Node Form, *SW88-510*. On that form, it is the number for the US.
2	DISPLAY TYPE DISPID()	All available selections for display types are listed below. Fill in your selection as a string of up to eight alphabetic characters from the following list: NULL—No display ALARMANC—Alarm Annunciator ALARMSUM—Alarm Summary AMSTAT—AM Node Status BATSUM—Batch Summary (not implemented) CMSTAT—CM Node Status CONSOVW—Console Overview GATESTAT—Gateway Node Status HMSTAT—HM Node Status MSGSUM—Message Summary OVERVIEW—Overview SYSSTAT—System Status TRENDOVW—Trend Overview UNITASGN—Unit Assignment UNITSUM—Unit Summary SCHEM*—Schematic Name HWYSTAT*—Hiway Status CONSTAT*—Console Status MODGROUP*—Process Module Group UNITTRND*—Unit Trend BOXDIAG*—Box Diagnostic GROUP*—Group GRPTREND*—Group Trend DETAIL*—Detail MODULE*—Module UNITALRM*—Unit Alarm UCNSTAT*—UC Network Status PMSTAT*—Process Manager Status PMMDIAG*—Process Manager Module Diagnostic IOMDIAG*—PM I/O Processor Diagnostic *Additional information is required; see Table 21A.	

(continued on next page)

Table 21A — Additional Information for Area Reference (Related, Associated, or Help) Display Configuration Form SW88-580A

DISPLAY TYPE	ENTRY	ADDITIONAL INFORMATION REQUIRED
Schematic	SCHEM	Schematic Name
Hiway Status	HWYSTAT	Process Network Number
Console Status	CONSTAT	Console Number
Process Module Group	MODGROUP	Module Group Number
Unit Trend	UNITTRND	Unit Trend Display Number
Box Diagnostic	BOXDIAG	Process Network Number (1-20) Box/Node Number (1-63)
Group	GROUP	Group Number (1-400) Preselected Slot/IO Processor Number (0-8)
Group Trend	GRPTREND	Group Number (1-400) Preselected Slot/IO Processor Number (0-8)
Detail	DETAIL	Point ID
Module	MODULE	Point ID
Unit Alarm	UNITALRM	Unit Identifier
UCN Status	UCNSTAT	Process Network Number (1-20)
Process Manager Status	PMSTAT	Process Network Number (1-20) Box/Node Number (1-64)
PM Module Diagnostic	PMMDIAG	Process Network Number (1-20) Box/Node Number (1-64)
I/O Module Diagnostic	IOMDIAG	Process Network Number (1-20) Box/Node Number (1-64) I/O Module Number (1-40)
Logic Manager Diagnostic	LMDIAG	Process Network Number (1-20) Box/Node Number (1-64)
NIM Diagnostic	NIMDIAG	Process Network Number (1-20) Box/Node Number (1-64)
Hiway Point Summary	HWPTSUM	Process Network Number (1-20) Box/Node Number (1-64) Slot/IO Module Number (1-40)

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Industrial Automation and Control
Honeywell Inc.
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