

This video covers the following topics:

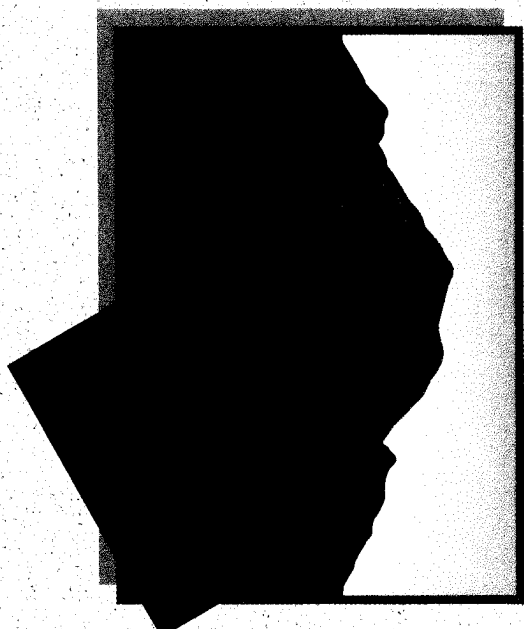
- Introduction to Show Bay Show Shelf
- Shelf display in the front view
- Basic window commands
- Advanced features of SBSS
- The Shelf Contents, Shelf Status and Shelf History buttons
- Additional buttons for engineering notes

15 minutes

MGV/SBSS Basics - 08/30/92

SBSS Basics

15 minutes



Accugraph

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Script: Show Bay Show Shelf- 4/19/93

Hi, my name is Monica Duncan and I'm with Accugraph corporation. I'd like to welcome you to this telecommunications presentation.

Before we get started, let me tell you a little bit about Accugraph Corporation. Accugraph has been in business for 22 years and has over 9,000 installations worldwide, providing premier solutions in the areas of: architecture, engineering, configuration management, facility management and telecommunications, which is what we will be covering in this demonstration.

Some of the applications that we support in the communications environment include:

- Central Office Engineering
- Land and Buildings Facility Management
- Circuit Information
- Scanned maps including TIFF and GIFF file formats
- Outside Plant Trunking
- and Specialized services including:
 - Call before you dig
 - Traffic Evaluation
 - and the Network Analyst

The Accugraph COE system is used for inside plant engineering functions with additional outside plant services. This system can:

- Automate engineering operations from design, to the generation of a bill of materials, to circuit assignments
- Link embedded and external relational database management systems
- and enhance your ability to configure, track and generate installation packages and notes for central office equipment.

Accugraph's system adheres to industry standards such as X-windows, a motif style interface, and open architecture. PCs can be linked to the system through networks providing client server environments. In addition, a fully customizable user interface is provided.

Each of these applications are based on having integrated access to an external relational database management system where enterprise wide data is stored and can be accessed not only from our applications but also from other strategic business systems that are critical to the operation of the typical communications company or equipment provider.

The industry standard databases that we support include:

- Oracle
- Informix
- Ingres
- and Sybase

These databases run in the background storing and maintaining all of the attribute data that we will be demonstrating today.

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This presentation will focus on Accugraph's Show Bay Show Shelf application. Show Bay Shelf provides a graphical representation of the contents of the equipment frame, file and slot levels. This enables the central office engineer to evaluate the placement of new or existing equipment by accessing this graphical view.

We're going to divide this presentation into two sections:

- Viewing existing relational database information in a graphical format
- and editing capabilities of existing data within Show Bay Show Shelf.

Viewing Bay Information

As we begin our demonstration, let's assume that I have been given a new equipment order. The first step is to call up the floor plan pertaining to this particular office. As you see on the screen I have a standard telephone network floor plan. With the click of a button, I can display the cable racking, the electrical and lighting plan and the primary and secondary bay supports.

Once I have decided the area that I need to target for my new equipment, I can zoom to that section. Show Bay Show Shelf comes back and prompts me for the particular bay that I need to retrieve database information from. As we see on the screen, a graphical orientation of the bay is shown. This elevation identifies the mounting slots; the status of a particular shelf or card and the card itself.

As we look at the options that are available along the bottom of the screen, we find that we can print, show the contents, the history, the status, the assignments, and the maintenance. We can also move, cut or paste different information within the bay. We can add notes that might assist our engineers in analyzing additional information about this particular bay.

As I view this information, I have visual reference as to which cards and slots are being used in our current configuration. This allows me to decide whether the new equipment I am adding will fit into this particular area or if I'm going to have to move cards and shelves around to adjust for the new equipment or order a new relay rack altogether.

Let's look at the contents of a particular shelf. I identify the shelf. The system automatically retrieves the information pertaining to that shelf in real time. It shows me the shelf assignment, the status, which is currently installed, and it also gives me the part number and a description.

The shelf history function gives additional information about this shelf. It tells me that it is an Erickson part number; it identifies when the unit was put in place and it gives me the cost involved in the installation of that equipment.

A third viewing capability is assignments. As we walk into this menu, we have the option of viewing the assignments of a fuse, system, or circuit. Let's go ahead and look at one of our fuse panels.

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As you can see the system immediately identifies all of the associated information with that fuse panel. It gives me the assignment, the bay, the size and any additional information that I have tied to the particular fuse panel.

Let's stop for a moment and consider the viewing capabilities. We have the ability of looking at the contents of a particular bay. We can view the history of a particular bay, shelf or card. We can also retrieve direct information from the database concerning the assignment of any of our cards and shelves.

This is all very valuable information needed by the engineer in configuring their new equipment or added equipment request.

Editing Capabilities

As I mentioned earlier, next to the mounting slots, we have status identifiers. Examples of status include: X for installed; E for engineered; . for reserved; and R to be removed.

To change the status of a particular card or shelf I simply identify it. I am prompted for a new status. In this case, it is currently shown as installed. Let's change this unit to be scheduled for removal. The system immediately displays this change graphically.

An additional editing capability is the ability to go into the movement function. Movement offers move, cut, copy and paste. Let's go ahead and move a shelf. I'll identify the shelf simply by clicking it. I then indicate which slot I want it to be moved to. The system verifies that this slot will take mounting slots 27-32. In real time, my shelf and interface cards have now been moved to that location.

If I return to contents function and identify that particular shelf, we will find that all the associated information has been moved into the new slot identifier.

The next capability of editing is found under the maintenance option. Maintenance includes:

- the editing of notes
- and the adding, editing or deletion of a shelf

Let's examine the editing of notes in more detail. In viewing this bay elevation, detailed notes or specific items applicable to the bay may be important. We will initiate the edit function, click on one of the notes and a new screen is brought up which allows immediate access to the notes. Let's go ahead and change this note. We will accept that and save it. As we exit this menu and return to our bay elevation notice that the changes are reflected.

Conclusion

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Let's summarize the capabilities of Show Bay Show Shelf.

When I initiated this application tool, it brought up the elevation of a selected bay. Within this elevation I was able scroll up and down the bay information and immediately identify the shelves and cards located within that particular bay. I was then able to retrieve various kinds of information including: the contents, the history, the status and the assignments of a particular card or shelf.

The editing capabilities within show bay show shelf allowed me to view and add notes that I deemed important to the viewer of this information. I also had the ability of adding, editing or deleting shelves from my front elevation view.

And finally, the most dynamic feature of Show Bay Show Shelf is the ability to move cards or shelves as required. The engineer can make on the spot decisions that are referenced within minutes.

Accugraph Corporation provides a suite of powerful communication products designed to serve your automation needs both now and in the future.

In addition, we offer a wide variety of services which allow your organization to leverage our expertise in the area of implementation.

I'd like to thank you for joining me today. If you'd like to see how Accugraph's communication products can fit into your environment, please contact your local sales representative. Thank you.