Instruction Manual

Cut Sheet Robot for Department of Defense Projects

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Main Menu Form Setup Instructions Button





Setup Instructions Form

LEO A DALY

Setup Instructions

LEO A DALY

How Buttons Work

Setup Instructions Form: This form explains the operation of buttons on the Main Menu Form.

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Note: This program will only work on computers connected to the Leo A Daly network. For best performance, this program should be located on local (not on the server) computer. Before doing anything else make a backup of this program. In Windows Explorer simply "Copy" and "Paste" this program file. Always do this before reloading PFD, PRC or Resetting program. You'll be glad you did!

Before running this program, open Project Builder in SEPS and select Project. Click on Reports button and select "Project BIM Export (Excel)".

 Input Project Data: Click button to open Project Data Input Form and record project information. Data will appear on Report Cover Sheet and page footers. If no Submittal Date is entered on form, current date will be assumed when Report Cover Sheet is printed.

2. Load/Reload Project Room Contents: Click button to open Load/Reload Project Room Contents Form. Click on "Select Location of PRC Spreadsheet" button to open browser window. Load Project Room Contents (PRC) into program by selecting "Project BIM Export (Excel)" spreadsheet downloaded from SEPS. Information message will appear if PRC already exists in program. Either load a new PRC or Cancel to keep the existing data.

3. Create/Update Project Contents List: If a new PRC has been loaded into program click this button to create a new Project Contents List (PCL). An information message will appear if PCL already exists in the program. If changes have not been made in Basis of Design (BoD) selections, then create a new PCL. If changes have been made to default BoD selections then click "No" and message box will offer PCL update, which will preserve BoD selection changes.

4. Select BoD Equipment: Click button to open BoD Equipment Data Form which displays contents of PCL with default BoD Cut Sheet selections. Make any alternate BoD selections necessary using radio buttons. JSN selections can be filtered by Logistics Category or by specific JSN Number. Also use this form to fill in "U" number data; select BoD Alternate Selection 4 and input Manufacturer4, Model4 and CutSheet4 data.

5. Select Logistics Category for Report: Program will use this setting to copy BoD Cut Sheets, Print BoD Data Sheets and to Print Report Cover Sheet, in Step 6, 7 and 8.

6. Copy BoD Cut Sheets: Click button to open Copy Basis of Design Equipment Cut Sheets Form. Click on "Select Location for Cut Sheet Folder" button to open browser window. Program will open browser window for BoDEquipmentCutSheets folder location. If no folder is selected, default folder will be created in program folder. BoD cut sheets from Logistics Category selected in Step 5 will be copied from the LAD Network to the BoDEquipmentCutSheets folder location. The program will also create JSN_File_Index.txt listing all files found and copied and will create Missing_JSNs.txt listing all files not found by the program.

7. Print BoD Data Sheets: Click button to open Print Basis of Design Equipment Data Sheets Form. Click on "Select Location for Data Sheet Folder" button to open browser window. Program will open browser window for BoDEquipmentCutSheets folder location. If no folder is selected, default folder will be created in program folder. BoD Equipment Data sheets will be produced to match BoD Equipment Cut Sheets produced in Step 6 above.

8. Print Report Cover Sheet: Click button to open Print Basis of Design Equipment Report Cover Sheet Form. Click on "Select Location for Report Cover Sheet" button to open browser window. Program will open browser window for BoDEquipmentCutSheets folder location. If no folder is selected, default folder will be created in program folder. Report Cover Sheet will indicate produced Logistics Category selected from Step 5 listed above.

Once BoD Equipment Cut Sheets, BoD Equipment Data Sheets and BoD Report Cover Sheet, have been produced, sort folder by file name and use BlueBeam Revu to staple all files into a single file.

Note: "Reset Default BoD Selections" button will reset all BoD Selections to default except JSNs with BOD 4. "Reset All" button requires a double click to activate. This button will delete all data in the program and reset program to "program setup" condition. Always make a backup of the database before activating this feature.

Setup Instructions Form How Buttons Work Button How Buttons Work Form

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Note: Th program prog How	is program will only work on computers conne should be located on local (not on the server) wButtonsWork	cted to the Leo A Daly network. For best performance	, this of this , PRC
Befo "Proj 1. In LEC		How Buttons Work Form: This form explains the operation of record navigation buttons.	Jear
on Re Repo 2. Lo "Sele progr	utton Actions: Action Description P Ex Delete Current Go to First	rogram xecution Close Form Exit Program Go to Previous Go to Next Go to Las	t
3. Cr Proje	Record Record Record	Record Record Record Record Print PDF	ew nave BoD

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Main Menu Form Input Project Data Button

LEO A DALY

DoD Basis of Design Cut Sheet Robot **BoD Cut Sheet Robot** Main Menu LEO A DALY Database Setup: Data Selection: Data Reports: Setup Instructions 4. Select BoD Equipment 6. Copy BoD Cut Sheets 5. Select Logistics 1. Input Project Data 7. Print BoD Data Sheets Category for Report: 8. Print Report Cover 1. Input Project Data. Logistics Category A Sheet Click this button to open O Logistics Category B the Project Data Input Reset Default BoD Logistics Category C Form. Equipment Selections O Logistics Category D

O Logistics Category R

Reset Program

Θ

Project Data Input Form

Project	Data Input Form	Proje Use t data head	ct Data Inp his form to that will be ers and foo	out Form: record project used on report oters.	•
Submittal Number: *		Submittal	Date: *		
Project Name: *					
Project Location: *					
Project City: *		Project St	ate: *		~
Project Zip Code: *		Project Co	ountry: *		
SEPS Project Version: *					
Client: *					
Client Project Number: *					
Contractor: *					
Contractor Project No: *					
Contractor Contact:					
Contractor Title:					
Contractor Company:					
Contractor Address 1:					
Contractor Address 2:					
Contractor City:		Contracto	or State:		~
Contractor Zip Code:		Contracto	or Country:		
Contractor Phone 1:		Contracto	or Phone 2:		
Contractor Fax:		Contracto	or Cell:		
Contractor Email:					
Contractor Web Site:					
* Required Information					

Main Menu Form Load/Reload Project Room Contents Button Load/Reload Project Room Contents Form





Question Box/Yes Button Windows File Explorer Application Information Box

Load PRC

LEO A DALY

Question Box: This message will be displayed if database is not empty.

"Yes" button will reload data without resetting previous BoD equipment selections and/or additions.







Question Box/No Button Information Box



 Load PRC
 Question Box: This message will be displayed if database is not empty. "No" button will cancel load and display confirmation message.

 Project Room Contents already has data in it. Continue loading Project Room Contents?

 Yes



Main Menu Form Create/Update Project Contents List Button



Question Box/Yes Button Information Box

LEO A DALY

Question Box:

 Load Project Contents L
 This message will be displayed if database is not empty. "YES" BUTTON WILL UPDATE PROJECT CONTENTS LIST AND WILL RESET ANY PREVIOUS BOD EQUIPMENT SELECTIONS AND/OR ADDITIONS.



Load Project Contents List			
Project Contents List created.			
ОК			

Question Box/No Button Question Box Update/Yes Button Information Box

LEO A DALY

Ouestion Box: This message will be displayed if database is not Load Project Contents Lis empty. "No" button will open next Question Message. Project Contents List already has data in it, Basis of Design selections will be overwritten. Continue loading Project Contents List? Yes No **Question Box:** This message will be displayed if "No" button was selected previously. "Yes" button will update Project Contents List and preserve any previous BoD Load Project Contents List Equipment selections and/or additions. Project Contents List reload was cancelled. Update Project Contents List? Basis of Design selections will be preserved. Yes No



Question Box Update/No Button Information Box

LEO A DALY

 Load Project Contents List
 Question Box: This message will be displayed if "No" button was selected previously. "No" button will cancel update.

 Project Contents List reload was cancelled. Update Project Contents List? Basis of Design selections will be preserved.

 Yes
 No

Update Project Contents List					
i Proje	ect Contents List update was cancelled				
	ОК				

Main Menu Form Select BoD Equipment Button

00D Basis of Design Cut Sheet Rob	ot		
BoD Cut Main Me	Sheet Robot enu	8	
Database Setup:	Data Selection:	Data Reports:	
Setup Instructions	4. Select BoD Equipment	6. Copy BoD Cut Sheets	
1. Input Project Data	4. Select BoD Equipment Click this button to open	7. Print BoD Data Sheets	
2. Load/Reload Project Room Contents	BoD Equipment Data Input Form.	8. Print Report Cover Sheet	
3. Create/Update Project Contents List	 Logistics Category B Logistics Category C Logistics Category D 	Reset Default BoD Equipment Selections	
	○ Logistics Category R	Reset Program	

BoD Equipment Data Input Form Record Navigation Buttons

LEO A DALY

Use these buttons to navigate through Project Contents List records. See How Buttons Work Form in Setup Instructions. **BoD Equipment Data** ĩΞ Input Form Go To Logistics Category: \sim LEO A DALY Go To JSN Number: A0900 \sim JSN NUMBER: A0900 Record 1 of 764 Records NOMENCLATURE: Relay Rack, Aluminum BoD BoD Alternate LOGISTICS CATEGORY: C Default: Selection: Manufacturer1: APC 1: 🔽 ۲ Model1: AR200 CutSheet1: A0900 SR372.pdf Manufacturer2: All Storage Systems LLC 2: 🗆 0 Model2: GLRR-1984 CutSheet2: A0900_SR382.pdf 3: 0 Manufacturer3: Chatsworth Products Incorporated Model3: 48353-503 CutSheet3: A0900 SR370.pdf Manufacturer4: 4: 🗆 O Model4: Description: CutSheet4:

Rack used to hold network components such as servers, switches, hubs, patch panels, router, etc. Racks are available in varying heights, channel depths, and channel width. The model numbers specified may be U.L. Listed version with 2 Top Angles, 7' height, 19" wide, blank Aluminum, with mounting holes on both sides (front and back).

BoD Equipment Data Input Form BoD Alternate Selection Options

id a dall	B II	BoD Equipm nput Form	ent Data			-	Go To L Go To J	∢ ogistics SN Num	Categ	Nory:	A0900	↓
Record BoD Default: 1: ⊡	1 of 7 BoD Sele	764 Records Alternate ection: Manufacturer1:	JSN NUMBER: NOMENCLATURE: LOGISTICS CATE APC	A0900 Relay F GORY:	Rack, Alu C	iminui	n					
2:	0	Use these bu BoD Equipme	AR200 A0900_SR372.pdf Ittons to overrid ent selections.	e defai	ult							
3:	0	Manufacturer3: Model3: CutSheet3:	Chatsworth Product 48353-503 A0900_SR370.pdf	ts Incorp	orated							
4: 🗌 Descrip	tion:	Manufacturer4: Model4: CutSheet4:										

BoD Equipment Data Input Form Preview Cut Sheet Hyperlinks

) a daly	B Ir	oD Equipm put Form	ent Data		•	Go To Log Go To JSN	◀ ▶ gistics Categ ↓ Number:	Bory:	A0900	
Record 1 BoD	of 7 BoD	64 Records Alternate	JSN NUMBER: A0900 NOMENCLATURE: Relay R LOGISTICS CATEGORY:	tack, Al	uminu	m				
l: ⊘		Manufacturer1:	APC	-						
		Model1: CutSheet1:	AR200 A0900_SR372.pdf							
2: 🗌	0	Manufacturer2: Model2: CutSheet2:	All Storage Systems LLC GLRR-1984		Use BoD	these hyj equipme	perlinks to ent cut sh	o view eets.	/	
3: 🗌	0	Manufacturer3: Model3: CutSheet3:	Chatsworth Products Incorpo 48353-503 A0900_SR370.pdf	orated						
4: 🗆	0	Manufacturer4: Model4:								
Descriptio	on:	CutSheet4:								

BoD Equipment Data Input Form Add BoD Equipment User Item

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BoD Equip	oment Data	🛒 🖌 🔺 🕨 🔛 🕬
Input For	n	Go To Logistics Category:
LEO A DALY		Go To JSN Number: A0900 🗸
Record 1 of 764 Records	JSN NUMBER: A0900	00
BoD BoD Alternate Default: Selection:	NOMENCLATURE: Relay LOGISTICS CATEGORY:	ay Rack, Aluminum f: C
Model1: CutSheet1:	AR200 <u>A0900_SR372.pdf</u>	If a new BoD equipment item is added fill in: ISN NUMBER
2: Manufactur Model2: CutSheet2:	rer2: All Storage Systems LLC GLRR-1984 A0900 SR382.pdf	C NOMENCLATURE ACQUISITION CODE VA
3: Manufactur Model3: CutSheet3:	rer3: Chatsworth Products Inco 48353-503 A0900_SR370.pdf	Manufacturer4 Model4
4: D Manufactur Model4:	rer4:	Description
Description: CutSheet4:		

Rack used to hold network components such as servers, switches, hubs, patch panels, router, etc. Racks are available in varying heights, channel depths, and channel width. The model numbers specified may be U.L. Listed version with 2 Top Angles, 7' height, 19" wide, blank Aluminum, with mounting holes on both sides (front and back).

Main Menu Form Select Acquisition Code for Report Options

LEO A DALY

DoD Basis of Design Cut Sheet Robot **BoD Cut Sheet Robot** Θ Main Menu LEO A DALY Data Selection: Database Setup: Data Reports: Setup Instructions 4. Select BoD Equipment 6. Copy BoD Cut Sheets 5. Select Logistics 1. Input Project Data 7. Print BoD Data Sheets Category for Report: 2. Load/Reload Project 8. Print Report Cover Logistics Category A Room Contents Sheet Control Logistics Category B 3. Create/Update Project Reset Default BoD O Logistics Category C Contents List Equipment Selections O Logistics Category D Reset Program 5. Select Acquisition Code for Report: Use these Option Buttons to filter BoD Cut Sheet Selection, Data Sheets and Report Cover Sheet.

Main Menu Form Copy BoD Cut Sheets Button Copy BoD Equipment Cut Sheets Form





Windows File Explorer Application Information Box

Browse				×
\leftarrow \rightarrow \checkmark \uparrow \square \Rightarrow This PC \Rightarrow Windows (C:) > MyPerBoDCutSheetRobotVA	5 V	Search MyPerBoDCu	tSheetRo 🔎
Organize 👻 New folder				::: • ?
EquipmentCutSheetRobot GLWACHClinic07092018 GLWACHHospital07092018	Name BODEquipmentCutSheets	Date modified 7/30/2019 11:44 AM	Type File folder	Size
 USAFACINICKENDVatioNBODCutSheets This PC 3D Objects Desktop Documents Downloads Music Pictures Steve S5 Videos Windows (C:) 	Windows File Explorer: Use Windows File Explor BoDEquipmentCutSheet folder" for cut sheets, pu Logistics Category select name is entered, "OK" b folder where program is Missing_JSNs.txt will also to cut sheets for any Use	rer to identify referably nan ted previously outton will cre located. JSN o be written er Items adde	y location for eate a "New ned according y. If no folder eate a new der I_File_Index.ty there. Don't f	fault kt and forget
Groups (\ladco\shares) (G·) Folder <u>n</u> ame: BODEquipme	entCutSheets			
		Too <u>l</u> s 🔻	ОК	Cancel

Microsoft Access	\times
351 Basis of Design Equipment Cut Sheets were copied. 10 Basis of Design Equipment Cut Sheets are missing.	
ОК	

Main Menu Form Print BoD Data Sheets Button Print BoD Equipment Data Sheets Form







Windows File Explorer Application Information Box





Typical BoD Equipment Data Sheet

LEO A DALY								
	JSN:	A0900			ACQUIS		DE VA:	VV
	CUT SHEET:	A0900_5	R372.pdf		LOGISTICS CATEGORY MHS:			С
	NOMENCLATURE:	Relay Ra	ck, Alumir	num				
		UTIL 1	UTIL 2	UTIL 3	UTIL 4	UTIL 5	UTIL 6	
	UTILITIES:		•	•			•	
	MANUFACTURER:	APC						
	MODEL:	AR200						
	DESCRIPTION:	Rack used to hold network components such as servers, switches, hubs, patch panels, router, etc. Racks are available in varying heights, channel depths, and channel width. The model numbers specified may be U.L. Listed version with 2 Top Angles, 7' height, 19" wide, blank Aluminum, with mounting holes on both sides (front and back).					itches, ng heights, ecified wide, and back).	

Main Menu Form Print Report Cover Sheet Button Print Report Cover Sheet Form







Windows Explorer Application Information Box





Typical BoD Equipment Report Cover Sheet



Main Menu Form Reset Default BoD Selections Button



Question Box/Yes Button Information Box

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Reset BOD Selections	Question Box: Select "Yes" to reset all BoD Equipment selections to default values. Manufacturer4 and added User Items will not be reset.						
Basis of Design se resetting Basis of	elections will be reset to Default. Continue Design selections?						
	Yes <u>N</u> o						



Question Box/No Button Information Box



 Reset BOD Selections
 Question Box: Select "No" to cancel BoD equipment selection reset.

 Image: Continue reset in the provided selection in the provided selectin the provided selectin the provided selection in the provided se



Main Menu Form Reset Program Button





Warning Box/OK Button Question Box Delete/Yes Button Information Box





Reset Program	\times
Program has been reset.	
ОК	

Warning Box/OK Button Question Box Delete/No Button Information Box





Reset Program	\times
Program has been reset.	
ОК	

Question Box/No Button Information Box







Main Menu Form Exit Application Button



VBA Program

Cut Sheet Robot for Department of Defense Projects