



EVENT RECORDER

User Manual

Purpose and Objectives: This manual aims to teach Operators and Administrators the fundamentals of Deebar's Bell Recorder. This manual will help the administrator to understand on how to do the setup of the system and make the required changes e.g. the winder name and input descriptions. Also, to apply those changes to the PLC. Furthermore, it will show how the operator can perform event history and how to print these reports.

What is a Deebar Winder Monitoring and Logging Event Recorder?

The Deebar Event Recorder has been designed to monitor and record all activities pertaining to Shaft Signalling and allow for client configurable inputs (16 Inputs) of a specific Winder.

Every Signal is monitored and recorded by the Deebar Lock Bell Recorder. This information will be graphically displayed and archived. When required, the stored data can be recalled and printed, thus providing a full history of all Winder signalling activities.

If required, a remote monitoring Event recorder can be used to monitor several Even recorders on different levels on the shaft, using the existing mine network. This can be installed in the Engineer, Foreman or WED Coordinator office.

General Information of the Deebar Winder Monitoring and Logging Event Recorder?

Starting up the Event Recorder

To start the application, double click on the Deebar Event Recorder Icon.



Once the Event Recorder starts up, this is the main screen. On this screen the following information is available (Figure 1):

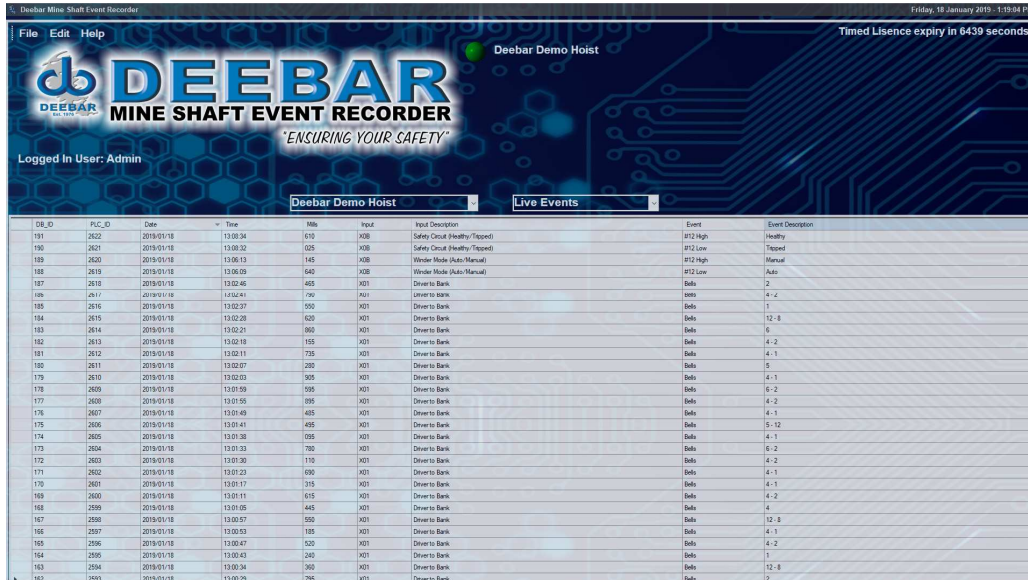
1. Event Recorder Menu
2. The user Logged in
3. Selected Winder, if more than one winder is monitored.
4. Logged Events
5. Liscensing Information
6. Winder Name and if the Even Recorder is communicating.
7. Selected Information to view



All information is available without being logged in. By selecting the Drop-Down Menu, any user can look at Live Events, Live Tacho Graph, History Events or History Tacho Graph.

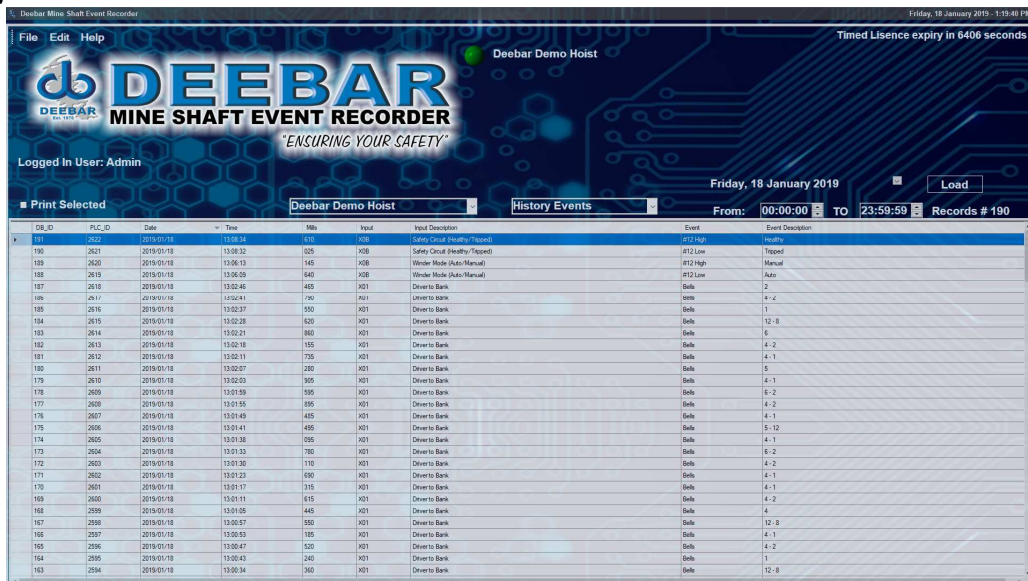


Live Events



DB_ID	PLC_ID	Date	Time	Mile	Input	Input Description	Event	Event Description
191	2622	2019-01-18	13:08:34	415	X08	Safety Circuit (Healthy/Tipped)	#12 High	Healthy
190	2621	2019-01-18	13:08:32	425	X08	Safety Circuit (Healthy/Tipped)	#12 Low	Tipped
189	2620	2019-01-18	13:06:13	145	X08	Winder Mode (Auto-Manual)	#12 High	Manual
188	2619	2019-01-18	13:06:09	345	X08	Winder Mode (Auto-Manual)	#12 Low	Auto
187	2618	2019-01-18	13:05:46	465	X01	Divert to Bank	Bank	2
186	2617	2019-01-18	13:02:41	750	X01	Divert to Bank	Bank	4 - 2
185	2616	2019-01-18	13:02:37	950	X01	Divert to Bank	Bank	1
184	2615	2019-01-18	13:02:28	620	X01	Divert to Bank	Bank	12 - 8
183	2614	2019-01-18	13:02:21	860	X01	Divert to Bank	Bank	6
182	2613	2019-01-18	13:02:18	155	X01	Divert to Bank	Bank	4 - 2
181	2612	2019-01-18	13:02:11	755	X01	Divert to Bank	Bank	4 - 1
180	2611	2019-01-18	13:02:07	200	X01	Divert to Bank	Bank	5
179	2610	2019-01-18	13:02:03	905	X01	Divert to Bank	Bank	4 - 1
178	2609	2019-01-18	13:01:58	955	X01	Divert to Bank	Bank	6 - 2
177	2608	2019-01-18	13:01:55	895	X01	Divert to Bank	Bank	4 - 2
176	2607	2019-01-18	13:01:49	465	X01	Divert to Bank	Bank	4 - 1
175	2606	2019-01-18	13:01:41	495	X01	Divert to Bank	Bank	5 - 12
174	2605	2019-01-18	13:01:38	955	X01	Divert to Bank	Bank	4 - 1
173	2604	2019-01-18	13:01:33	780	X01	Divert to Bank	Bank	6 - 2
172	2603	2019-01-18	13:01:30	110	X01	Divert to Bank	Bank	4 - 2
171	2602	2019-01-18	13:01:23	690	X01	Divert to Bank	Bank	4 - 1
170	2601	2019-01-18	13:01:17	315	X01	Divert to Bank	Bank	4 - 1
169	2600	2019-01-18	13:01:11	615	X01	Divert to Bank	Bank	4 - 2
168	2599	2019-01-18	13:01:05	445	X01	Divert to Bank	Bank	4
167	2598	2019-01-18	13:00:57	550	X01	Divert to Bank	Bank	12 - 8
166	2597	2019-01-18	13:00:53	185	X01	Divert to Bank	Bank	4 - 1
165	2596	2019-01-18	13:00:47	520	X01	Divert to Bank	Bank	4 - 2
164	2595	2019-01-18	13:00:43	240	X01	Divert to Bank	Bank	1
163	2594	2019-01-18	13:00:34	300	X01	Divert to Bank	Bank	12 - 8
162	2593	2019-01-18	13:00:29	795	X01	Divert to Bank	Bank	2

History Events



DB_ID	PLC_ID	Date	Time	Mile	Input	Input Description	Event	Event Description
191	2622	2019-01-18	13:08:34	415	X08	Safety Circuit (Healthy/Tipped)	#12 High	Healthy
190	2621	2019-01-18	13:08:32	425	X08	Safety Circuit (Healthy/Tipped)	#12 Low	Tipped
189	2620	2019-01-18	13:06:13	145	X08	Winder Mode (Auto-Manual)	#12 High	Manual
188	2619	2019-01-18	13:06:09	345	X08	Winder Mode (Auto-Manual)	#12 Low	Auto
187	2618	2019-01-18	13:05:46	465	X01	Divert to Bank	Bank	2
186	2617	2019-01-18	13:02:41	750	X01	Divert to Bank	Bank	4 - 2
185	2616	2019-01-18	13:02:37	950	X01	Divert to Bank	Bank	1
184	2615	2019-01-18	13:02:28	620	X01	Divert to Bank	Bank	12 - 8
183	2614	2019-01-18	13:02:21	860	X01	Divert to Bank	Bank	6
182	2613	2019-01-18	13:02:18	155	X01	Divert to Bank	Bank	4 - 2
181	2612	2019-01-18	13:02:11	755	X01	Divert to Bank	Bank	4 - 1
180	2611	2019-01-18	13:02:07	200	X01	Divert to Bank	Bank	5
179	2610	2019-01-18	13:02:03	905	X01	Divert to Bank	Bank	4 - 1
178	2609	2019-01-18	13:01:58	955	X01	Divert to Bank	Bank	6 - 2
177	2608	2019-01-18	13:01:55	895	X01	Divert to Bank	Bank	4 - 2
176	2607	2019-01-18	13:01:49	465	X01	Divert to Bank	Bank	4 - 1
175	2606	2019-01-18	13:01:41	495	X01	Divert to Bank	Bank	5 - 12
174	2605	2019-01-18	13:01:38	955	X01	Divert to Bank	Bank	4 - 1
173	2604	2019-01-18	13:01:33	780	X01	Divert to Bank	Bank	6 - 2
172	2603	2019-01-18	13:01:30	110	X01	Divert to Bank	Bank	4 - 2
171	2602	2019-01-18	13:01:23	690	X01	Divert to Bank	Bank	4 - 1
170	2601	2019-01-18	13:01:17	315	X01	Divert to Bank	Bank	4 - 1
169	2600	2019-01-18	13:01:11	615	X01	Divert to Bank	Bank	4 - 2
168	2599	2019-01-18	13:01:05	445	X01	Divert to Bank	Bank	4
167	2598	2019-01-18	13:00:57	550	X01	Divert to Bank	Bank	12 - 8
166	2597	2019-01-18	13:00:53	185	X01	Divert to Bank	Bank	4 - 1
165	2596	2019-01-18	13:00:47	520	X01	Divert to Bank	Bank	4 - 2
164	2595	2019-01-18	13:00:43	240	X01	Divert to Bank	Bank	1
163	2594	2019-01-18	13:00:34	300	X01	Divert to Bank	Bank	12 - 8

Select the date to be viewed and time can also be selected. After selection, click the Load button.



The number of records for the day is shown on the righthand side below the Load button. By rolling the mouse button while over the data the data can be scrolled. Or, once you have clicked on the data, the up and down keys can be used.

Event Recorder Menu

File

1. Login
2. Logout
3. Print
4. Print Preview
5. Save
6. Exit

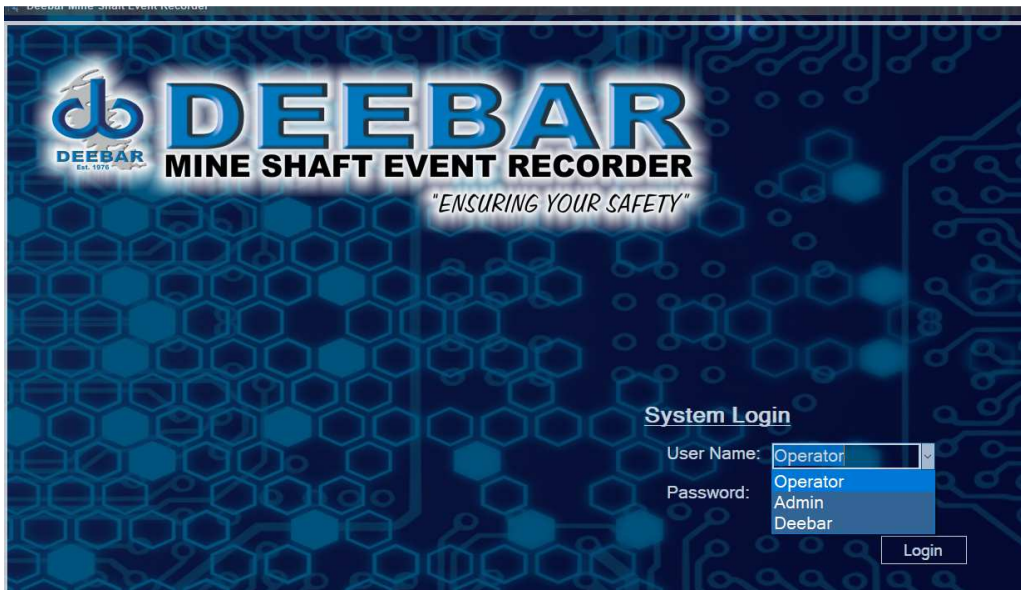
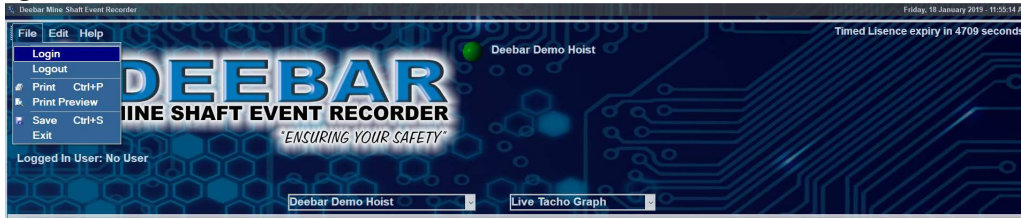
Edit

1. Custom Signals Setup
2. Database Path

Help

1. Register Product – The action is done by Deebbar
2. About

File – Login



Operator Password 123

Admin Password is set up with commissioning as per the client's requirements.

File – Print / Print Preview



Deebar Mine Shaft Event Recorder

Friday, 10 January 2019 - 12:00:05 PM

Timed Licence expiry in 4459 seconds

File Edit Help

Deebar Demo Hoist

DEEBAR MINE SHAFT EVENT RECORDER

ENSURING YOUR SAFETY

Logged In User: Operator

Deebar Demo Hoist

Print dialog box:

Printer: PDFCreator

Status: ready

Type: PDFCreator

Where: pdfosson

Comment: uDoc Printer

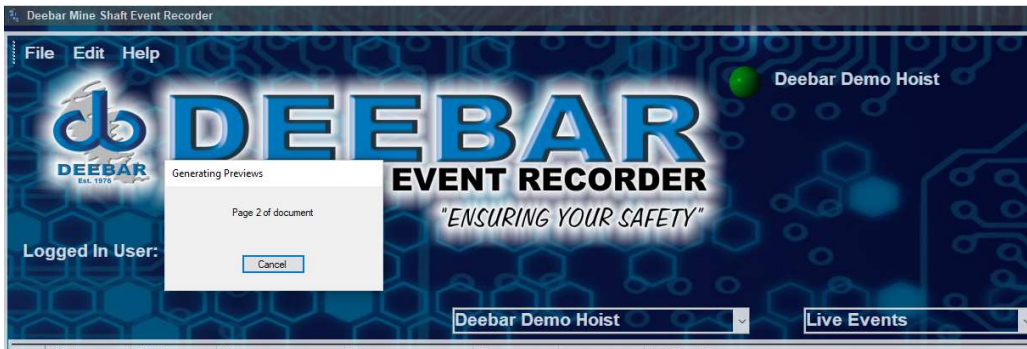
Print range: All

Number of copies: 1

Print range: Page from: to: Selection

OK Cancel

DB_ID	RLC_ID	Date	Time	Mile	Host	Event	Event Description
55	2475	2019-01-10	11:43:06	490	X01	Balls	5-12
54	2474	2019-01-10	11:43:03	110	X01	Balls	4-1
53	2473	2019-01-10	11:42:59	350	X01	Balls	2
52	2472	2019-01-10	11:42:55	560	X01	Balls	3-4
51	2471	2019-01-10	11:42:50	300	X01	Balls	4
50	2470	2019-01-10	11:42:45	800	X01	Balls	5
49	2469	2019-01-10	11:42:40	165	X01	Balls	6
48	2468	2019-01-10	11:42:33	225	X01	Deer to Bank	7-3
47	2467	2019-01-10	11:42:28	285	X01	Deer to Bank	3-3-3
46	2466	2019-01-10	11:42:29	215	X02	Bank to Deer	1
45	2465	2019-01-10	11:42:26	885	X01	Reverse	1



Deebar Mine Shaft Event Recorder

Friday, 10 January 2019 - 12:00:05 PM

File Edit Help

Deebar Demo Hoist

DEEBAR MINE SHAFT EVENT RECORDER

ENSURING YOUR SAFETY

Logged In User: Operator

Deebar Demo Hoist

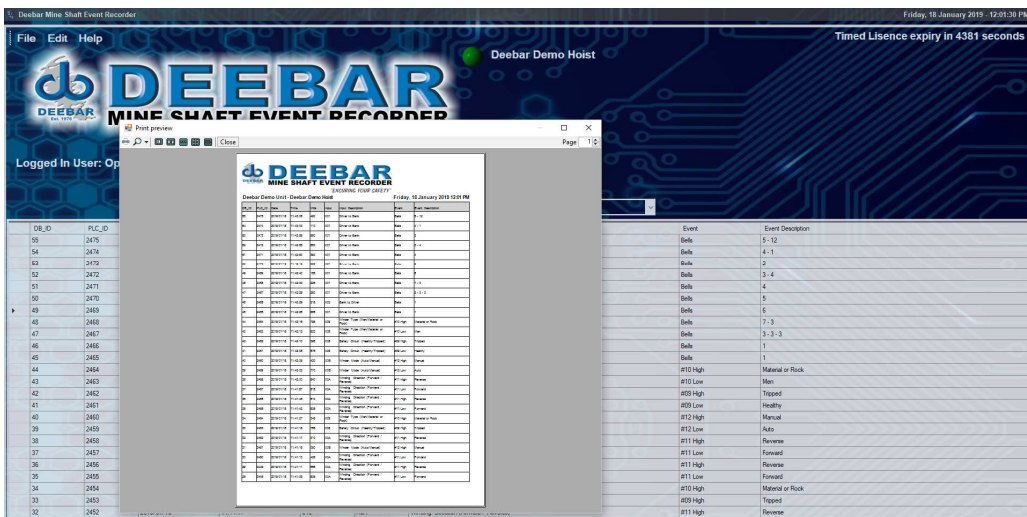
Generating Previews dialog box:

Page 2 of document

Cancel

Deebar Demo Hoist

Live Events



Deebar Mine Shaft Event Recorder

Friday, 10 January 2019 - 12:01:20 PM

Timed Licence expiry in 4381 seconds

File Edit Help

Deebar Demo Hoist

DEEBAR MINE SHAFT EVENT RECORDER

ENSURING YOUR SAFETY

Logged In User: Operator

Print Preview window:

Deebar Demo (01) - Deeban Demo Hoist

Friday, 10 January 2019 12:01 PM

ENSURING YOUR SAFETY

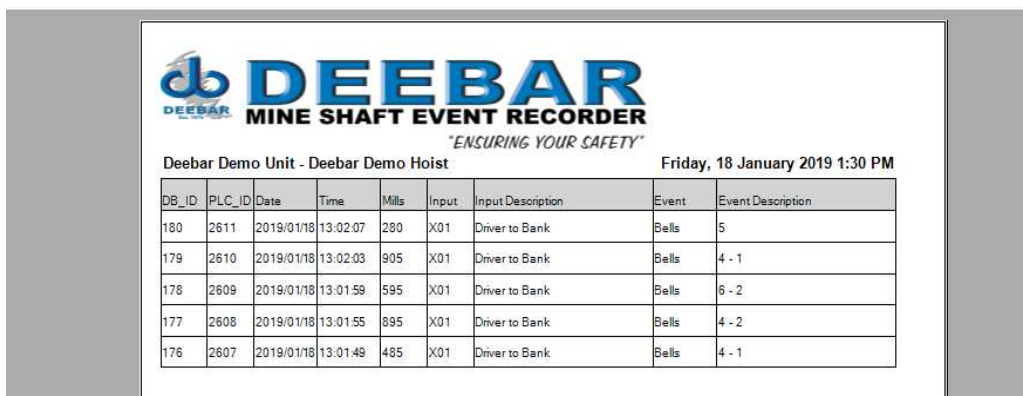
DB_ID	RLC_ID	Date	Time	Mile	Host	Event	Event Description
55	2475	2019-01-10	11:43:06	490	X01	Balls	5-12
54	2474	2019-01-10	11:43:03	110	X01	Balls	4-1
53	2473	2019-01-10	11:42:59	350	X01	Balls	2
52	2472	2019-01-10	11:42:55	560	X01	Balls	3-4
51	2471	2019-01-10	11:42:50	300	X01	Balls	4
50	2470	2019-01-10	11:42:45	800	X01	Balls	5
49	2469	2019-01-10	11:42:40	165	X01	Balls	6
48	2468	2019-01-10	11:42:33	225	X01	Deer to Bank	7-3
47	2467	2019-01-10	11:42:28	285	X01	Deer to Bank	3-3-3
46	2466	2019-01-10	11:42:29	215	X02	Bank to Deer	1
45	2465	2019-01-10	11:42:26	885	X01	Reverse	1
44	2464	2019-01-10	11:42:23	800	X01	Material or Rock	1
43	2463	2019-01-10	11:42:20	800	X01	Material or Rock	1
42	2462	2019-01-10	11:42:17	800	X01	Material or Rock	1
41	2461	2019-01-10	11:42:14	800	X01	Material or Rock	1
40	2460	2019-01-10	11:42:11	800	X01	Material or Rock	1
39	2459	2019-01-10	11:42:08	800	X01	Material or Rock	1
38	2458	2019-01-10	11:42:05	800	X01	Material or Rock	1
37	2457	2019-01-10	11:42:02	800	X01	Material or Rock	1
36	2456	2019-01-10	11:41:59	800	X01	Material or Rock	1
35	2455	2019-01-10	11:41:56	800	X01	Material or Rock	1
34	2454	2019-01-10	11:41:53	800	X01	Material or Rock	1
33	2453	2019-01-10	11:41:50	800	X01	Material or Rock	1
32	2452	2019-01-10	11:41:47	800	X01	Material or Rock	1



DB_ID	PLC_ID	Date	Time	Mills	Input	Input Description	Event	Event Description
35	2475	2019/01/18	11:43:06	400	X01	Driver to Bank	Bells	5 - 12
34	2474	2019/01/18	11:43:03	110	X01	Driver to Bank	Bells	4 - 1
33	2473	2019/01/18	11:42:59	550	X01	Driver to Bank	Bells	2
32	2472	2019/01/18	11:42:55	550	X01	Driver to Bank	Bells	2 - 4
31	2471	2019/01/18	11:42:50	350	X01	Driver to Bank	Bells	4
30	2470	2019/01/18	11:42:46	300	X01	Driver to Bank	Bells	5
29	2469	2019/01/18	11:42:42	160	X01	Driver to Bank	Bells	6
28	2468	2019/01/18	11:42:39	225	X01	Driver to Bank	Bells	7 - 3
27	2467	2019/01/18	11:42:29	250	X01	Driver to Bank	Bells	2 - 3 - 3
26	2466	2019/01/18	11:42:29	215	X02	Bank to Driver	Bells	1
25	2465	2019/01/18	11:42:26	855	X01	Driver to Bank	Bells	1
24	2464	2019/01/18	11:42:16	795	X09	Hoist Type (Main/Retarder/Brake)	#10 High	Material or Risk
23	2463	2019/01/18	11:42:12	300	X09	Hoist Type (Main/Retarder/Brake)	#10 Low	Man
22	2462	2019/01/18	11:42:10	355	X08	Hoist Type (Main/Retarder/Brake)	#9 High	Trapped
21	2461	2019/01/18	11:42:06	875	X08	Hoist Type (Main/Retarder/Brake)	#9 Low	Healthy
20	2460	2019/01/18	11:42:02	420	X08	Hoist Hook (Jaw/Manual)	#12 High	Manual
19	2459	2019/01/18	11:42:02	770	X08	Hoist Hook (Jaw/Manual)	#12 Low	Auto
18	2458	2019/01/18	11:42:00	840	X0A	Winding Direction (Forward/Reverse)	#11 High	Reverse
17	2457	2019/01/18	11:41:57	815	X0A	Winding Direction (Forward/Reverse)	#11 Low	Forward
16	2456	2019/01/18	11:41:56	510	X0A	Winding Direction (Forward/Reverse)	#11 High	Reverse
15	2455	2019/01/18	11:41:46	855	X0A	Winding Direction (Forward/Reverse)	#11 Low	Forward
14	2454	2019/01/18	11:41:27	345	X09	Hoist Type (Main/Retarder/Brake)	#10 High	Material or Risk
13	2453	2019/01/18	11:41:10	755	X08	Hoist Type (Main/Retarder/Brake)	#9 High	Trapped
12	2452	2019/01/18	11:41:07	310	X0A	Winding Direction (Forward/Reverse)	#11 High	Reverse
11	2451	2019/01/18	11:41:06	380	X08	Hoist Hook (Jaw/Manual)	#12 High	Manual
10	2450	2019/01/18	11:41:03	425	X0A	Winding Direction (Forward/Reverse)	#11 Low	Forward
9	2449	2019/01/18	11:41:11	845	X0A	Winding Direction (Forward/Reverse)	#11 High	Reverse
8	2448	2019/01/18	11:41:09	330	X0A	Winding Direction (Forward/Reverse)	#11 Low	Forward
27	2447	2019/01/18	11:41:09	345	X0A	Winding Direction (Forward/Reverse)	#11 High	Reverse
26	2446	2019/01/18	11:41:08	590	X0A	Winding Direction (Forward/Reverse)	#11 Low	Forward

If just a section of the information needs to be printed, select to see History Event. The Print Selected box will be available and events can be selected with the mouse or by holding down the Shift Key, on the keyboard.

186	2617	2019/01/18	13:02:41	790	X01	Driver to Bank	Bells	4 - 2
185	2616	2019/01/18	13:02:37	550	X01	Driver to Bank	Bells	1
184	2615	2019/01/18	13:02:36	640	X01	Driver to Bank	Bells	12 - 8
183	2614	2019/01/18	13:02:31	800	X01	Driver to Bank	Bells	6
182	2613	2019/01/18	13:02:18	155	X01	Driver to Bank	Bells	4 - 2
181	2612	2019/01/18	13:02:11	725	X01	Driver to Bank	Bells	4 - 1
180	2611	2019/01/18	13:02:07	280	X01	Driver to Bank	Bells	5
179	2610	2019/01/18	13:02:03	905	X01	Driver to Bank	Bells	4 - 1
178	2609	2019/01/18	13:01:59	595	X01	Driver to Bank	Bells	6 - 2
177	2608	2019/01/18	13:01:55	895	X01	Driver to Bank	Bells	4 - 2
176	2607	2019/01/18	13:01:49	485	X01	Driver to Bank	Bells	4 - 1
175	2606	2019/01/18	13:01:41	495	X01	Driver to Bank	Bells	5 - 12
174	2605	2019/01/18	13:01:38	595	X01	Driver to Bank	Bells	4 - 1
173	2604	2019/01/18	13:01:33	780	X01	Driver to Bank	Bells	6 - 2



DB_ID	PLC_ID	Date	Time	Mills	Input	Input Description	Event	Event Description
180	2611	2019/01/18	13:02:07	280	X01	Driver to Bank	Bells	5
179	2610	2019/01/18	13:02:03	905	X01	Driver to Bank	Bells	4 - 1
178	2609	2019/01/18	13:01:59	595	X01	Driver to Bank	Bells	6 - 2
177	2608	2019/01/18	13:01:55	895	X01	Driver to Bank	Bells	4 - 2
176	2607	2019/01/18	13:01:49	485	X01	Driver to Bank	Bells	4 - 1

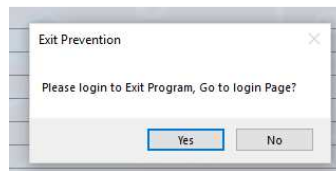
Only the selected information will be printed.

File – Save



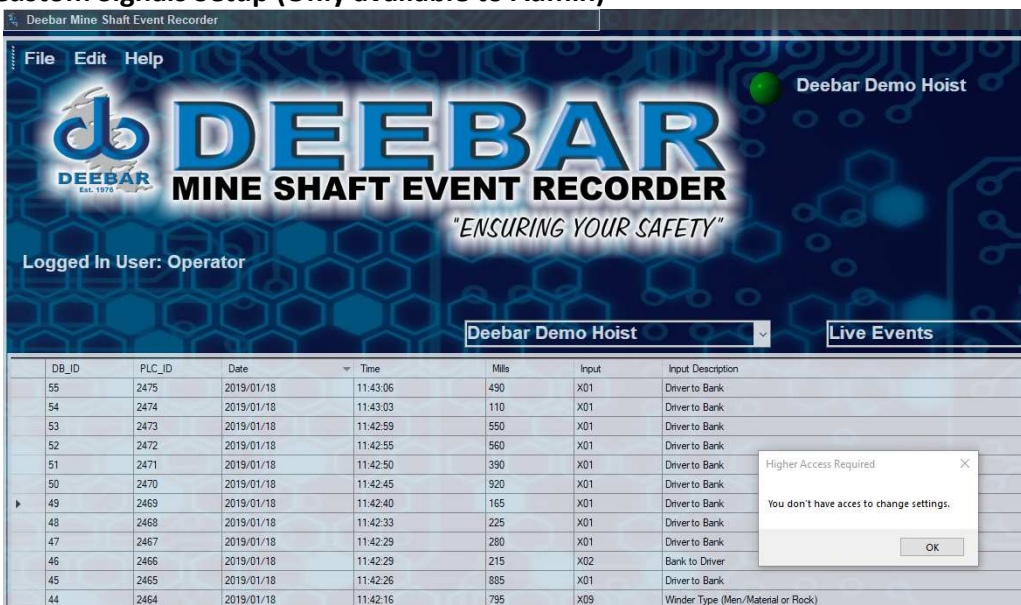
To save the Custom Event Signal Setup after changes.

File – Exit (Only available to Admin)



To be able to EXIT the program, you have to login as Admin with the password agreed to during commissioning. **Default password is @dm1n**. This is necessary to prevent unauthorised personnel to shut Down the recorder.

Edit – Custom Signals Setup (Only available to Admin)



Once logged in as Admin, the following screen will be displayed.



Select the Winder / Hoist that changes are to be made to.



If System Settings are selected, the Event descriptions may be changed.



DB_ID	FIC_ID	Date	Time	Mile	Input	Input Description	Event	Event Description
61	74	2019-04-06	13:58:26	100	X04	Onsetter to Driver	Bells	4
60	70	2019-04-06	13:58:20	310	X03	Driver to Onsetter	Bells	3
59	72	2019-04-06	13:58:19	600	X02	Bank to Driver	Bells	2
58	71	2019-04-06	13:58:18	400	X01	Driver to Bank	Bells	1
57	70	2019-04-06	13:58:10	890	X06	Brakes Off On	#07 Low	0#
56	69	2019-04-06	13:58:09	370	X06	Brakes Off On	#07 High	0#
55	68	2019-04-06	13:57:49	320	X06	Brakes Off On	#07 Low	0#
54	67	2019-04-06	13:57:49	310	X06	Brakes Off On	#07 High	0#
53	61	2019-04-06	13:03:18	660	X06	Brakes Off On	#07 High	0#
52	60	2019-04-06	13:03:18	640	X06	Brakes Off On	#07 Low	0#
51	59	2019-04-06	13:03:17	100	X06	Brakes Off On	#07 High	0#
50	58	2019-04-06	13:03:16	910	X06	Brakes Off On	#07 Low	0#
49	57	2019-04-06	13:03:14	620	X06	Brakes Off On	#07 High	0#
48	56	2019-04-06	13:03:06	010	X05	All Clear	#06 Low	0#
47	55	2019-04-06	13:02:49	000	X05	All Clear	#06 High	0#
46	54	2019-04-06	13:02:41	050	X05	All Clear	#06 Low	0#
45	53	2019-04-06	13:02:35	120	X05	All Clear	#06 High	0#
44	52	2019-04-06	13:02:12	120	X00	Call Bell	Call	Accident to Shaft : 2 - 1 - 1
43	51	2019-04-06	12:59:56	170	X02	Bank to Driver	Bells	3-1
42	50	2019-04-06	12:59:44	840	X02	Bank to Driver	Bells	3-2-1-2-1
41	49	2019-04-06	12:59:40	820	X01	Driver to Bank	Bells	3-2-1-1-2
40	48	2019-04-06	12:59:36	000	X02	Bank to Driver	Bells	1-1-1
39	47	2019-04-06	12:59:34	420	X01	Driver to Bank	Bells	3
38	46	2019-04-06	12:59:16	850	X04	Onsetter to Driver	Bells	5-1-2-1-1
37	45	2019-04-06	12:59:13	070	X03	Driver to Onsetter	Bells	4-1-1-2
36	44	2019-04-06	12:59:10	100	X02	Bank to Driver	Bells	3-1-2
35	43	2019-04-06	12:59:07	170	X01	Driver to Bank	Bells	2-2
34	34	2019-04-06	12:50:35	680	X04	Onsetter to Driver	Bells	2-2
33	33	2019-04-06	12:50:33	700	X03	Driver to Onsetter	Bells	1-2
32	32	2019-04-06	12:50:30	100	X02	Bank to Driver	Bells	2-2

Changing of EVENT Description

The first 5 inputs to the Event Recorder in the figure below represent Bell Sequence inputs. Bell Sequence Inputs do not have an ON and OFF state, but the Bells are counted and displayed as a 4 – 1 and the Input Description display where the signal originated from, in this case from the Driver to the Bank.

As this input are processed differently in the Event Recorder PLC, the correct “Input Type” should be selected. The different Events can be Call Bell, Bell Sequence or Input.

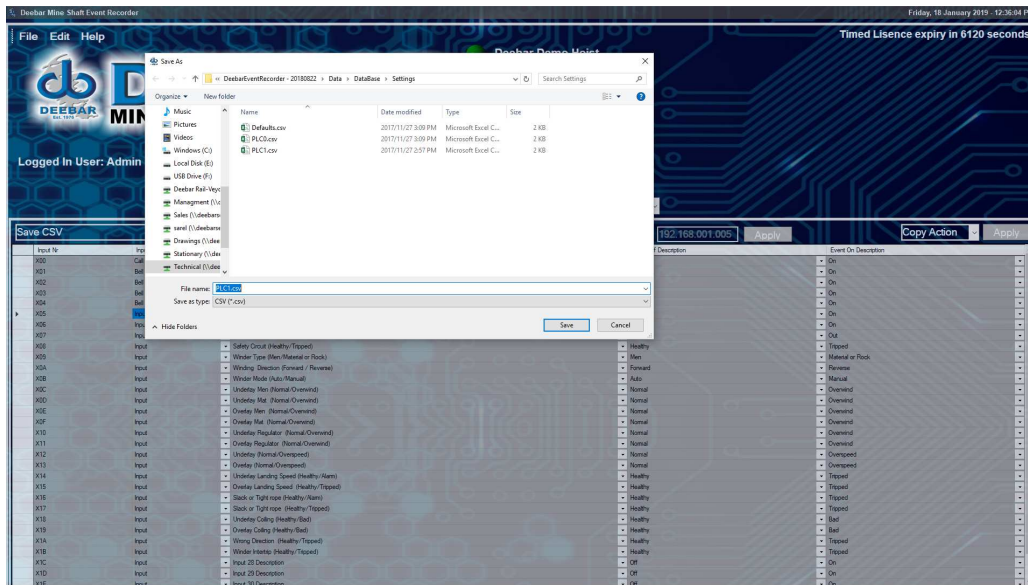
Input No	Input Type	Input Description	PLC	IP	Event On Description
X01	Call Bell	Driver to Bank	Off	Off	On
X02	Bell Sequence	Bank to Driver	Off	Off	On
X03	Bell Sequence	Driver to Onsetter	Off	Off	On
X04	Bell Sequence	Onsetter to Driver	Off	Off	On
X05	All Clear	All Clear	Off	Off	On
X06	Brakes Off On	Brakes Off On	Off	Off	On
X07	Brakes Off On	Brakes Off On	Off	Off	On
X08	Safety Circuit Healthy/Trapped	Safety Circuit Healthy/Trapped	Healthy	Healthy	Trapped
X09	Winder Type (Man/Manual or Auto)	Winder Type (Man/Manual or Auto)	Man	Man	Manual or Auto
X0A	Winding Direction (Forward / Reverse)	Winding Direction (Forward / Reverse)	Forward	Reverse	Reverse
X0B	Winder Brake (Auto/Manual)	Winder Brake (Auto/Manual)	Auto	Manual	Manual
X0C	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0D	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0E	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0F	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0G	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0H	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0I	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0J	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0K	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0L	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0M	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0N	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0O	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0P	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Q	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0R	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0S	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0T	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0U	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0V	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0W	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0X	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Y	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Z	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0A	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0B	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0C	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0D	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0E	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0F	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0G	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0H	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0I	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0J	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0K	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0L	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0M	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0N	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0O	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0P	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Q	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0R	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0S	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0T	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0U	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0V	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0W	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0X	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Y	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Z	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0A	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0B	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0C	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0D	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0E	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0F	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0G	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0H	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0I	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0J	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0K	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0L	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0M	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0N	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0O	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0P	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Q	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0R	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0S	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0T	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0U	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0V	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0W	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0X	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Y	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind
X0Z	Winder Motor (Normal/Overwind)	Winder Motor (Normal/Overwind)	Normal	Overwind	Overwind

When changes are made to the Input Type, the information need to be sent to the PLC by selecting “Send to PLC” and then click on “Apply”.

Select Action	Apply	Name: Deebar Demo Hoist	PLC: 192.168.001.005	Apply	Copy Action	Apply
Send To PLC		Input Description	Event On Description	Event On Description		
Load XML		Call Bark	Off	On		
Save XML		Driver to Bark	Off	On		
Load CSV		Back to Bark	Off	On		
Save CSV		Driver to Operator	Off	On		
Load Basic		Operator to Driver	Off	On		
		All Clear	Off	On		
		Brakes Off-On	Off	On		
		Clutch In-Out	On	Off		
		Safety Circuit Healthy/Tipped	Healthy	Tipped		
		Winder Type (Man/Material or Rock)	Man	Material or Rock		
		Winding Direction (Forward / Reverse)	Forward	Reverse		
		Winder Mode (Auto/Manual)	Auto	Manual		
		Underlay Man (Normal/Overwind)	Normal	Overwind		
		Underlay Mat (Normal/Overwind)	Normal	Overwind		
		Overlay Man (Normal/Overwind)	Normal	Overwind		
		Overlay Mat (Normal/Overwind)	Normal	Overwind		
		Underlay Regulator (Normal/Overwind)	Normal	Overwind		
		Overlay Regulator (Normal/Overwind)	Normal	Overwind		
		Underlay (Normal/Overwind)	Normal	Overwind		
		Overlay (Normal/Overwind)	Normal	Overwind		
		Underlay Landing Speed Healthy/Alarm	Healthy	Tipped		
		Overlay Landing Speed Healthy/Tipped	Healthy	Tipped		
		Stack or Tight rope Healthy/Alarm	Healthy	Tipped		
		Stack or Tight rope Healthy/Tipped	Healthy	Tipped		
		Underlay Cable Healthy/Bad	Healthy	Bad		
		Overlay Cable Healthy/Bad	Healthy	Bad		
		Wrong Direction Healthy/Tipped	Healthy	Tipped		
		Winder Healthy Healthy/Tipped	Healthy	Tipped		
		Input 23 Description	Off	On		
		Input 20 Description	Off	On		
		Input 20 Description	Off	On		

The information in this table can be stored as XML or CSV files. Once Changes was made select Save CSV and click Apply.

Save CSV	Apply	Name: Deebar Demo Hoist	PLC: 192.168.001.005	Apply	Copy Action	Apply
Input No	Input Type	Input Description	Event On Description	Event On Description		
902	Call Bark	Call Bark	Off	On		
903	Back Sequence	Driver to Bark	Off	On		
904	Back Sequence	Back to Driver	Off	On		
905	Back Sequence	Driver to Operator	Off	On		
906	Back Sequence	Operator to Driver	Off	On		
907	All Clear	All Clear	Off	On		
908	Brakes Off-On	Brakes Off-On	Off	On		
909	Clutch In-Out	Clutch In-Out	On	Off		
910	Safety Circuit Healthy/Tipped	Safety Circuit Healthy/Tipped	Healthy	Tipped		
911	Winder Type (Man/Material or Rock)	Winder Type (Man/Material or Rock)	Man	Material or Rock		
912	Winding Direction (Forward / Reverse)	Winding Direction (Forward / Reverse)	Forward	Reverse		
913	Winder Mode (Auto/Manual)	Winder Mode (Auto/Manual)	Auto	Manual		
914	Underlay Man (Normal/Overwind)	Underlay Man (Normal/Overwind)	Normal	Overwind		
915	Underlay Mat (Normal/Overwind)	Underlay Mat (Normal/Overwind)	Normal	Overwind		
916	Overlay Man (Normal/Overwind)	Overlay Man (Normal/Overwind)	Normal	Overwind		
917	Overlay Mat (Normal/Overwind)	Overlay Mat (Normal/Overwind)	Normal	Overwind		
918	Underlay Regulator (Normal/Overwind)	Underlay Regulator (Normal/Overwind)	Normal	Overwind		
919	Overlay Regulator (Normal/Overwind)	Overlay Regulator (Normal/Overwind)	Normal	Overwind		
920	Underlay (Normal/Overwind)	Underlay (Normal/Overwind)	Normal	Overwind		
921	Overlay (Normal/Overwind)	Overlay (Normal/Overwind)	Normal	Overwind		
922	Underlay Landing Speed Healthy/Alarm	Underlay Landing Speed Healthy/Alarm	Healthy	Tipped		
923	Overlay Landing Speed Healthy/Tipped	Overlay Landing Speed Healthy/Tipped	Healthy	Tipped		
924	Stack or Tight rope Healthy/Alarm	Stack or Tight rope Healthy/Alarm	Healthy	Tipped		
925	Stack or Tight rope Healthy/Tipped	Stack or Tight rope Healthy/Tipped	Healthy	Tipped		
926	Underlay Cable Healthy/Bad	Underlay Cable Healthy/Bad	Healthy	Bad		
927	Overlay Cable Healthy/Bad	Overlay Cable Healthy/Bad	Healthy	Bad		
928	Wrong Direction Healthy/Tipped	Wrong Direction Healthy/Tipped	Healthy	Tipped		
929	Winder Healthy Healthy/Tipped	Winder Healthy Healthy/Tipped	Healthy	Tipped		
930	Input 23 Description	Input 23 Description	Off	On		
931	Input 20 Description	Input 20 Description	Off	On		
932	Input 20 Description	Input 20 Description	Off	On		



With Initial Setup of the Event recorder, the Basic setup can be loaded.

To change an Input Description

For this example, we need to Change Winder Mode (Auto / Manual) to Safety Circuit (Healthy / Tripped). From the figure below, we can see that it is Input X0B that we want to change.

ENSURING YOUR SAFETY

Logged In User: Admin

Deebar Demo Hoist Live Events

IDB_ID	PLC_ID	Date	Time	Mts	Input	Input Description	Event	Event Description
189	2620	2019/01/18	13:06:13	145	X0B	Winder Mode (Auto/Manual)	#12 High	Manual
188	2619	2019/01/18	13:06:09	640	X0B	Winder Mode (Auto/Manual)	#12 Low	Auto
187	2618	2019/01/18	13:02:46	465	X01	Driver to Bark	Bells	2



Select the Input Description and do the required changes. This can be done by selecting a one of the options already in the List, or by typing in the required description.



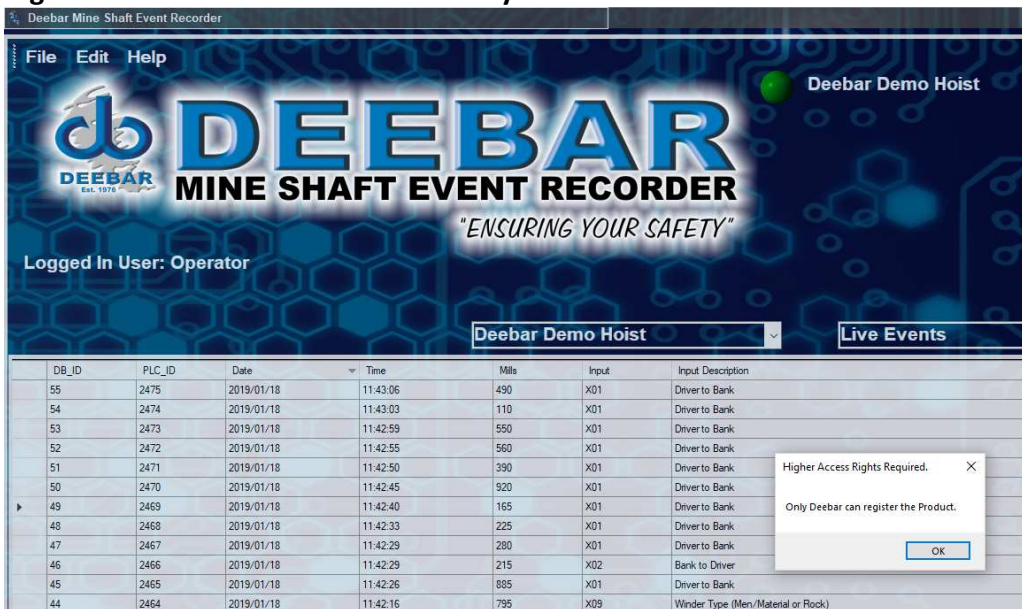
Remember to change the Event OFF and ON Descriptions also.

Edit – Database Path



The Database Path is set up by Deebar and it depend on the function of the PC and where the Database should be saved.

Help - Register Product – The action is done by Deebar



Help - About

