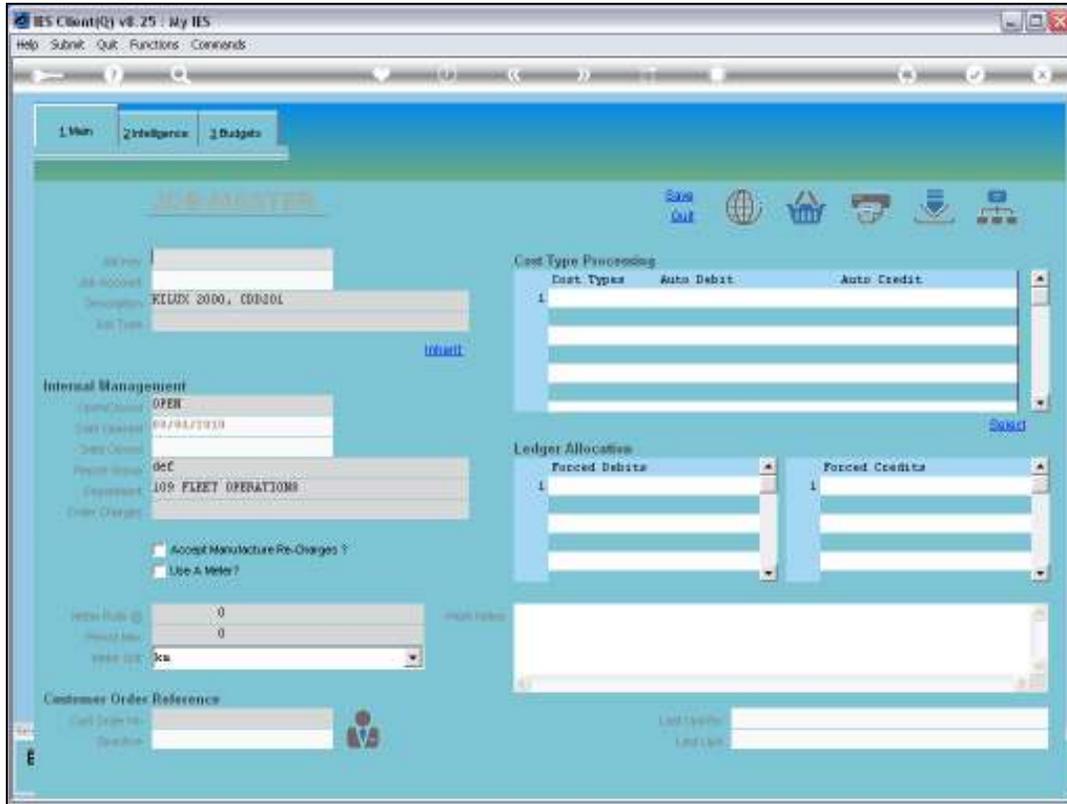
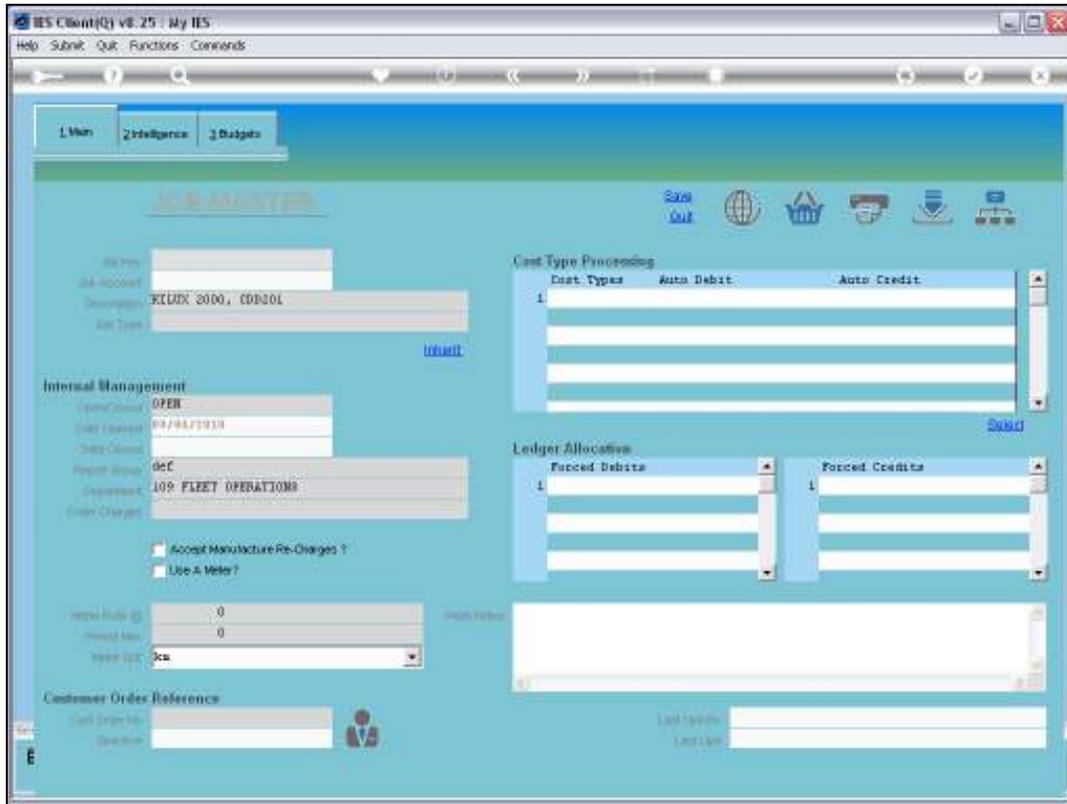


## Slide 1

Slide notes: When we put a new entry onto the Planned Maintenance Master, we start with the Job Master, because the Job must exist before it can be placed on the Maintenance Register.



Slide 2  
Slide notes:



Slide 3  
Slide notes:

The screenshot shows the IES Client v8.25 interface with the following data:

**Job Information:**  
 Job No: VERL063  
 Job Account: 1902.000  
 Description: FLEET 2000, CORSDI  
 Job Type: LDV LDV 8

**Internal Management:**  
 Opened/Status: OPEN  
 Date Entered: 09/04/2010  
 Date Closed:  
 Project Group: LDV  
 Department: 100 FLEET OPERATIONS  
 Order Charged:  
 Accept Manufacture Re-Charges?  
 Use A Meter?

**Cost Type Processing:**

Cost Types	Auto Debit	Auto Credit
1 APD Direct D	10-90-00-05	FLEET EX
2 FUE Fuel	10-90-00-05	FLEET EX
3 LAB Labor	10-90-00-05	FLEET EX
4 MAT Material	10-90-00-05	FLEET EX
5 OIL Oil	10-90-00-05	FLEET EX
6 P/LP P/LP Futr	10-10-10-290	PL MAIN
7 P/LP P/LP Term	10-10-10-290	PL MAIN

**Ledger Allocation:**

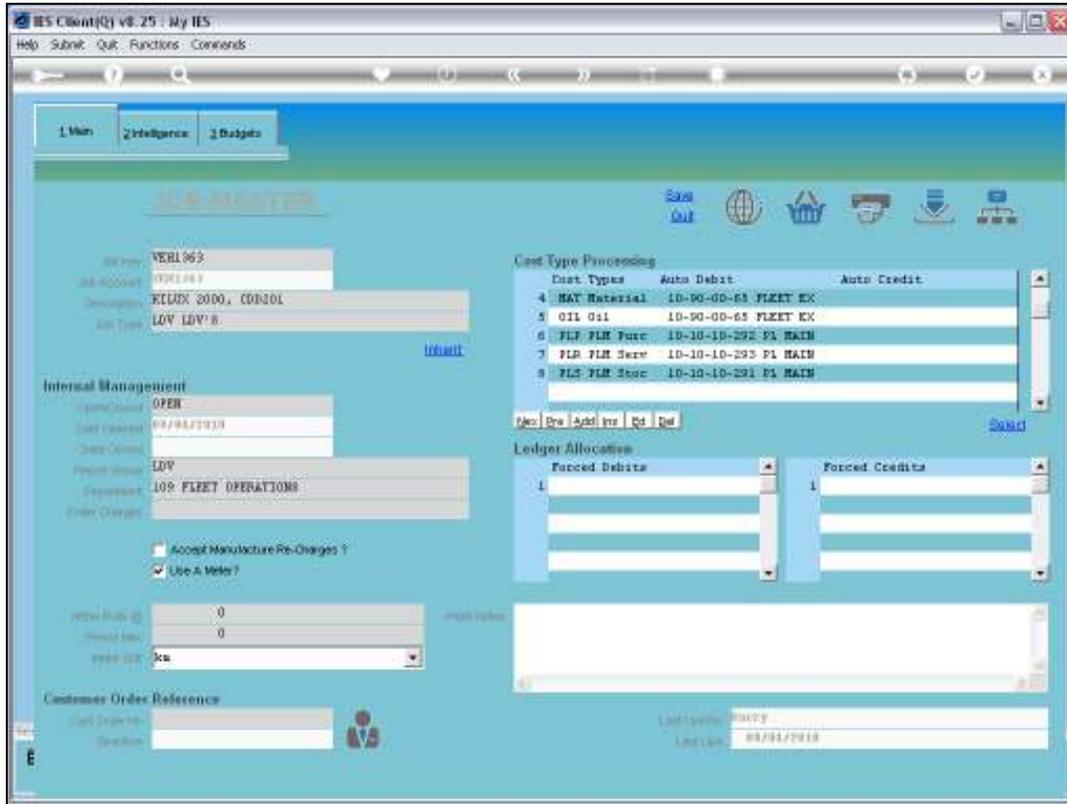
Forced Debits	Forced Credits
1	1

**Customer Order Reference:**  
 Cust Order No:  
 Description:

**Job Summary:**  
 Job No: VERL063  
 Job Date: 09/04/2010

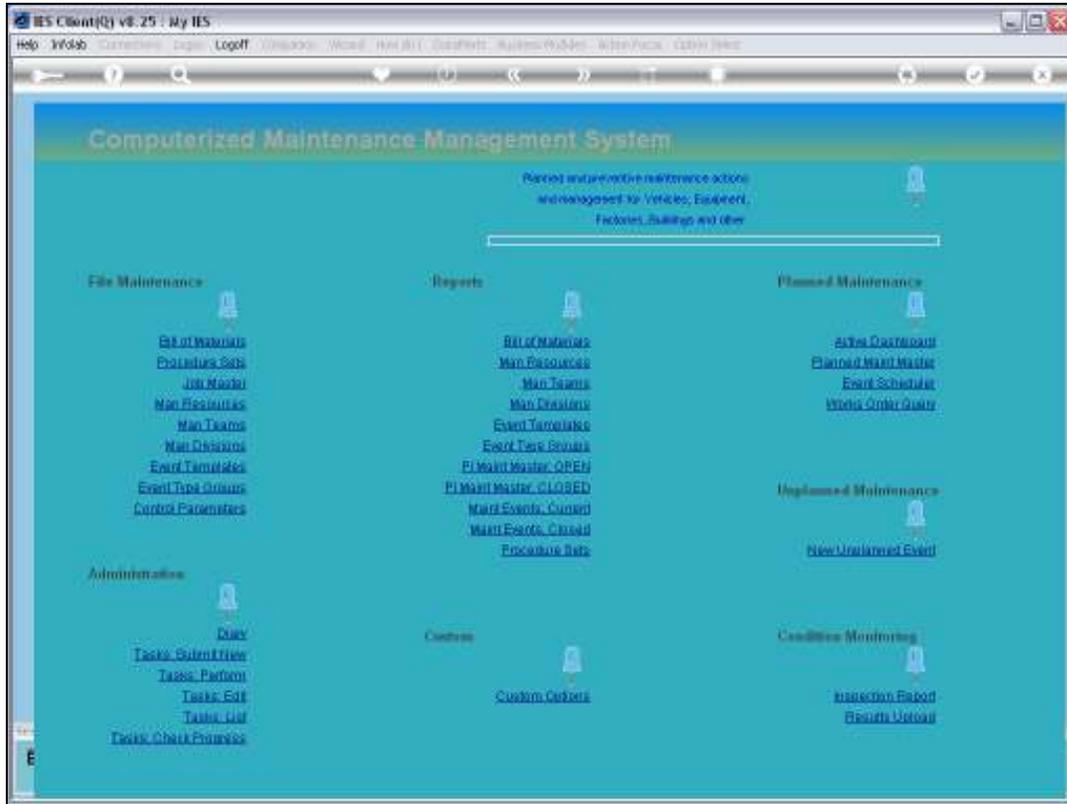
## Slide 4

Slide notes: Usually the Job already exists, because Items on the Planned Maintenance Register are most often also Assets on the Asset Register, and with linked Jobs in Job Costing to track the Life Costs for these Assets. The Planned Maintenance Costs will be a part of these Asset Job Life Costs. Nevertheless, in the event that the Job does not yet exist, we will define it first. And if it already exists, then we will ensure that the required Planned Maintenance Cost Types are listed on the Job or else insert them now.



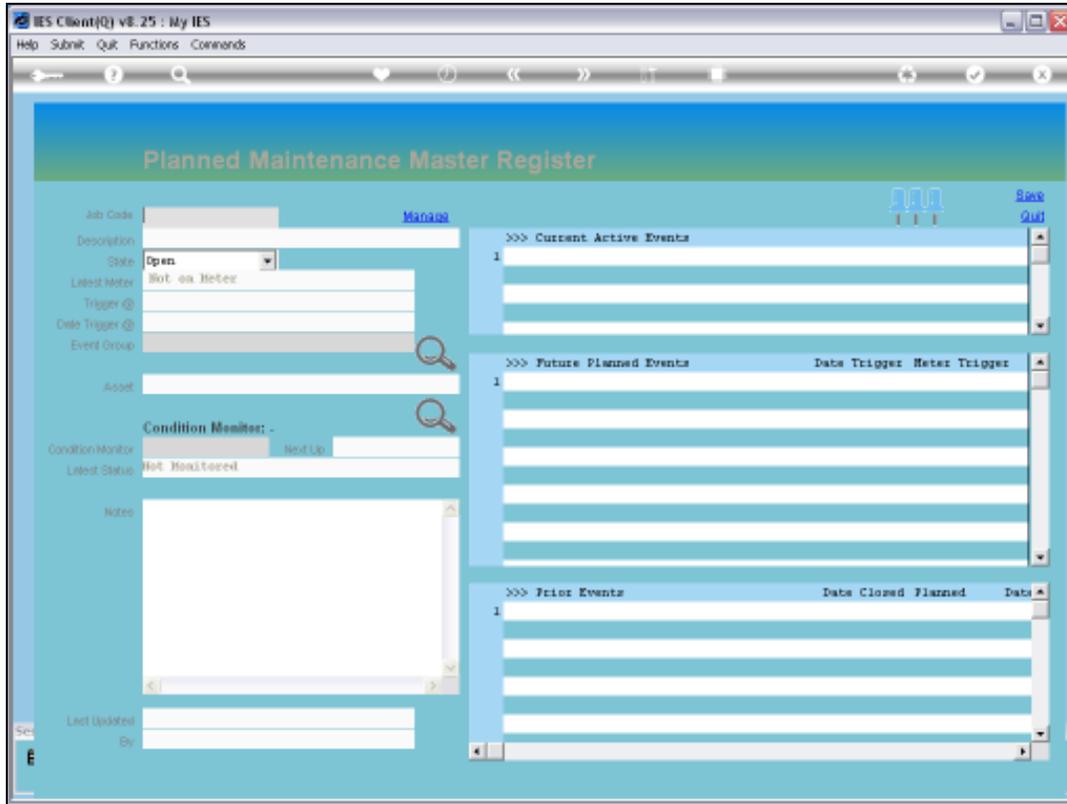
Slide 5  
Slide notes:



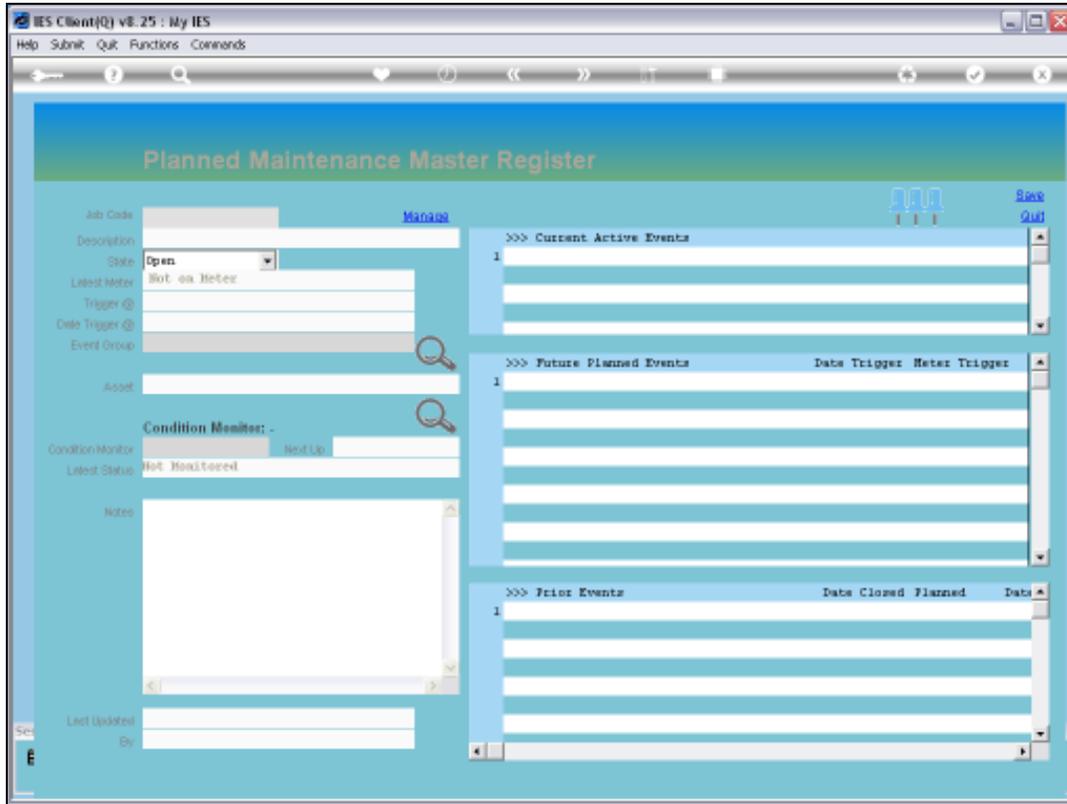


Slide 7

Slide notes: Then we use the Planned Maintenance Master Register to define the new Maintenance Item.

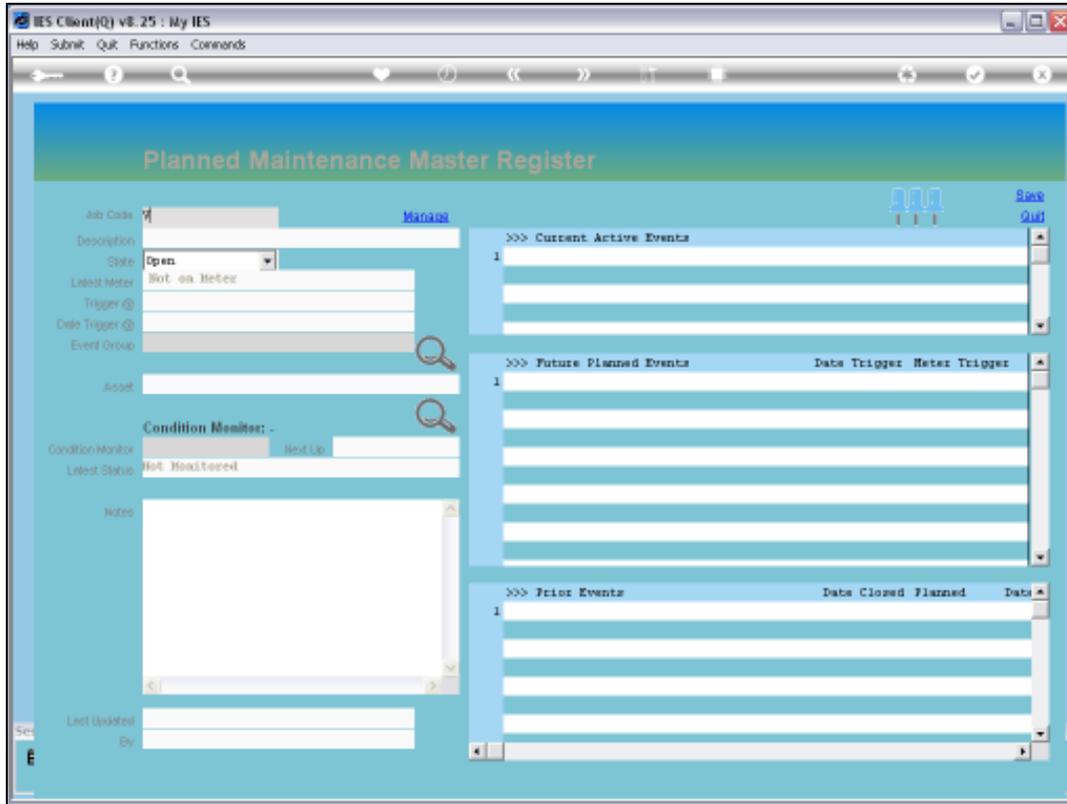


Slide 8  
Slide notes:



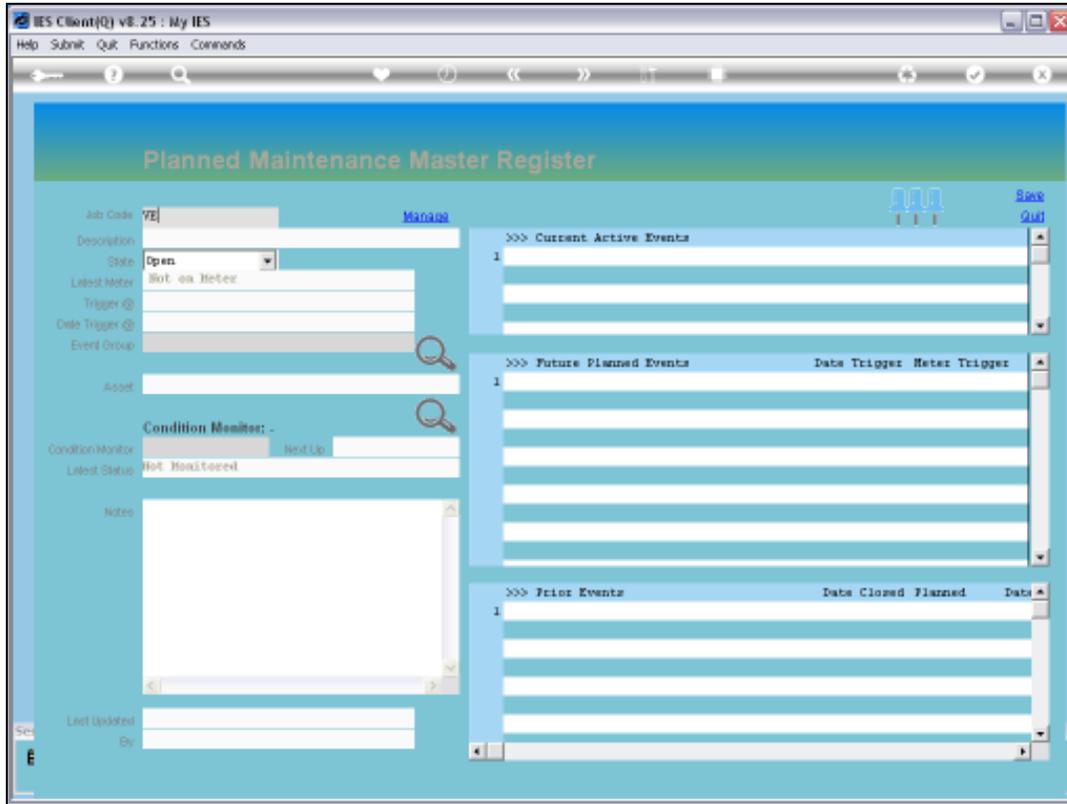
Slide 9

Slide notes:



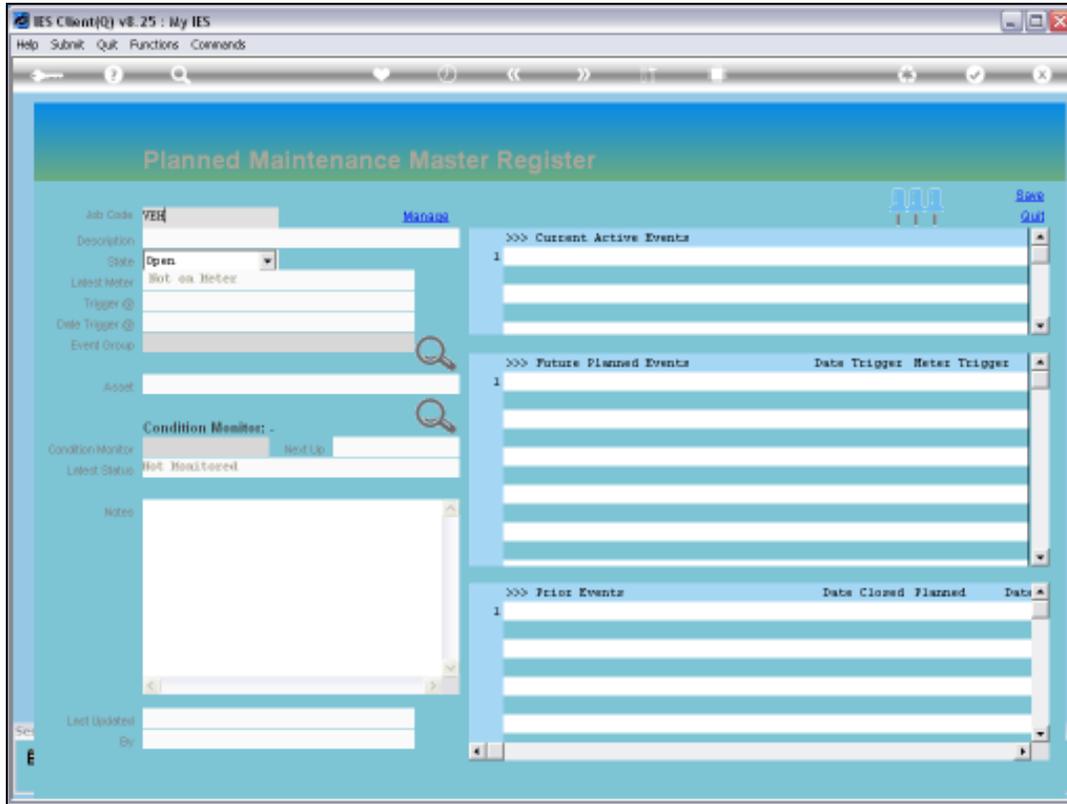
Slide 10

Slide notes:

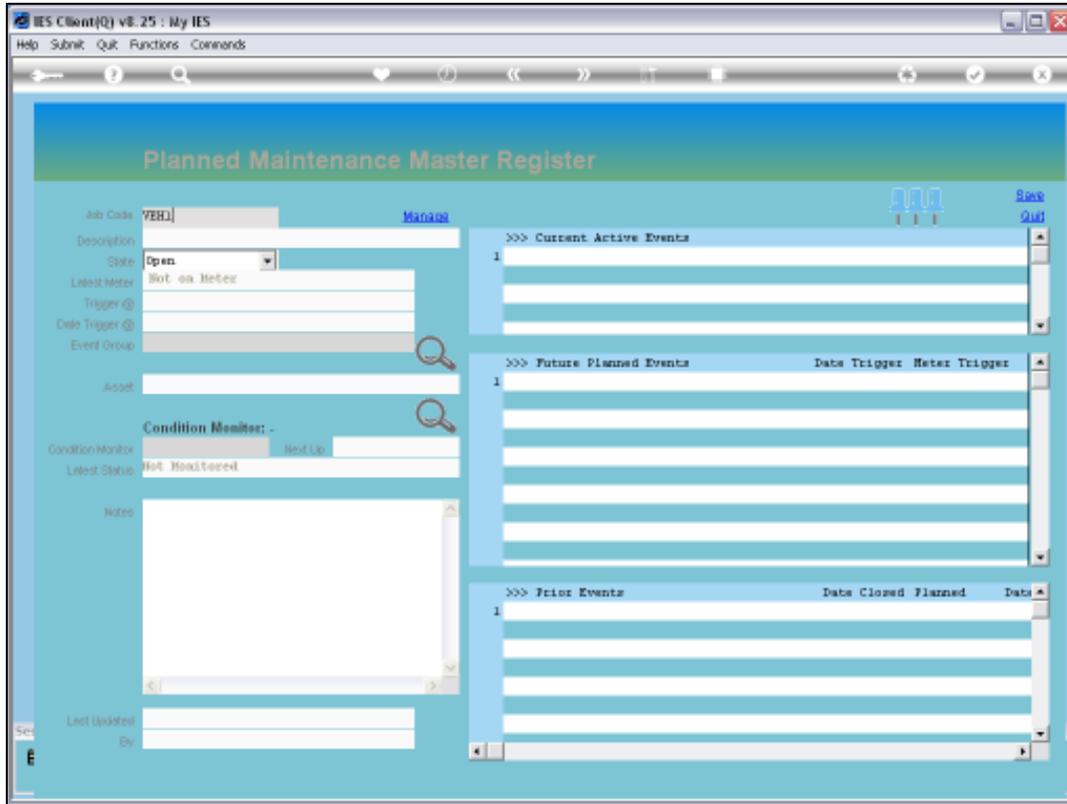


Slide 11

Slide notes: The Key has to be exactly the same as the Job Master Key.

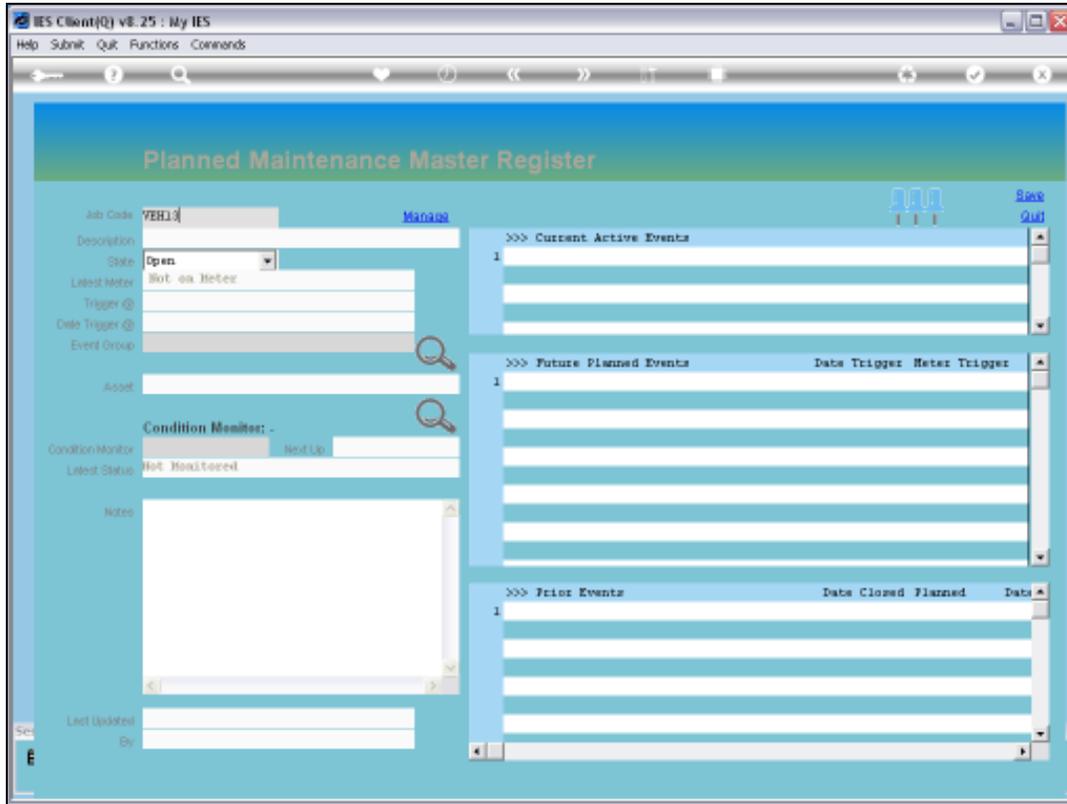


Slide 12  
Slide notes:



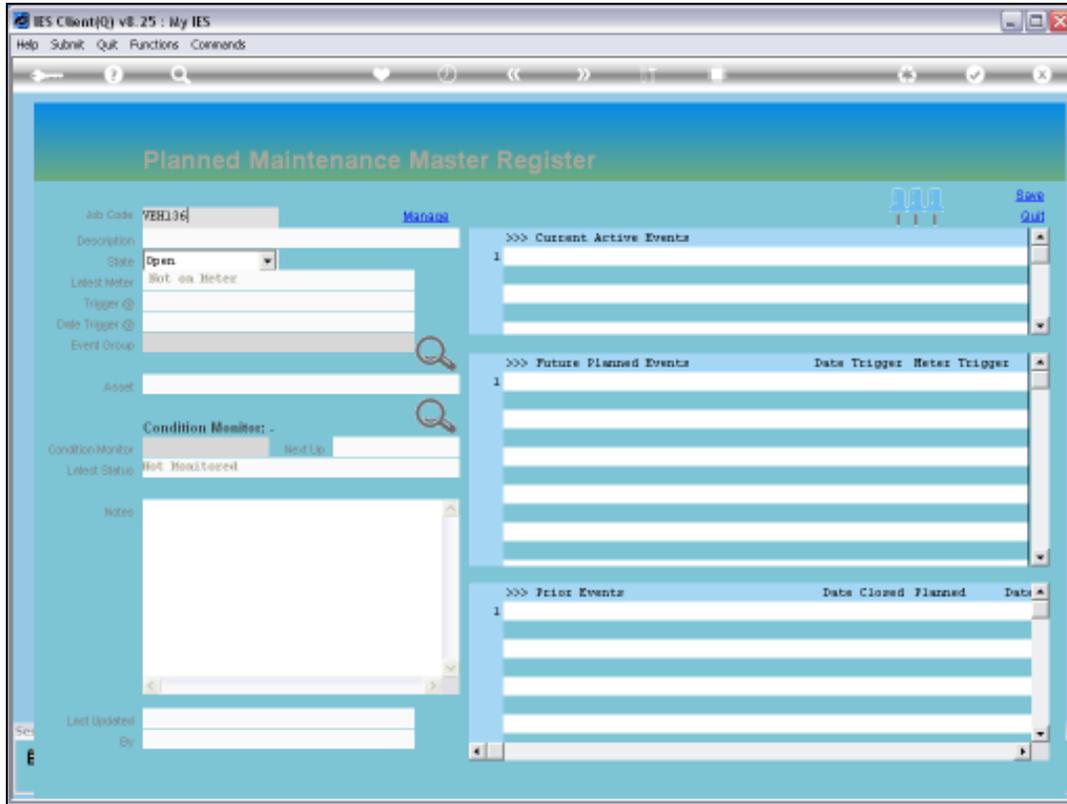
Slide 13

Slide notes:



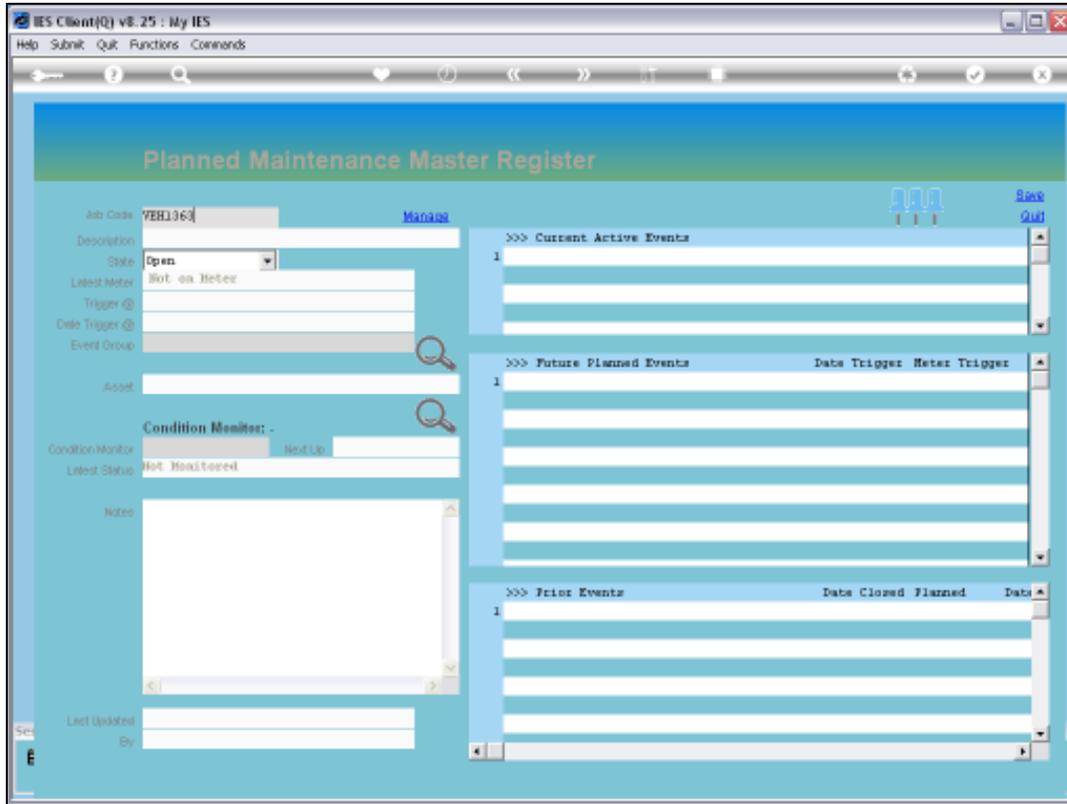
Slide 14

Slide notes:



Slide 15

Slide notes:



Slide 16

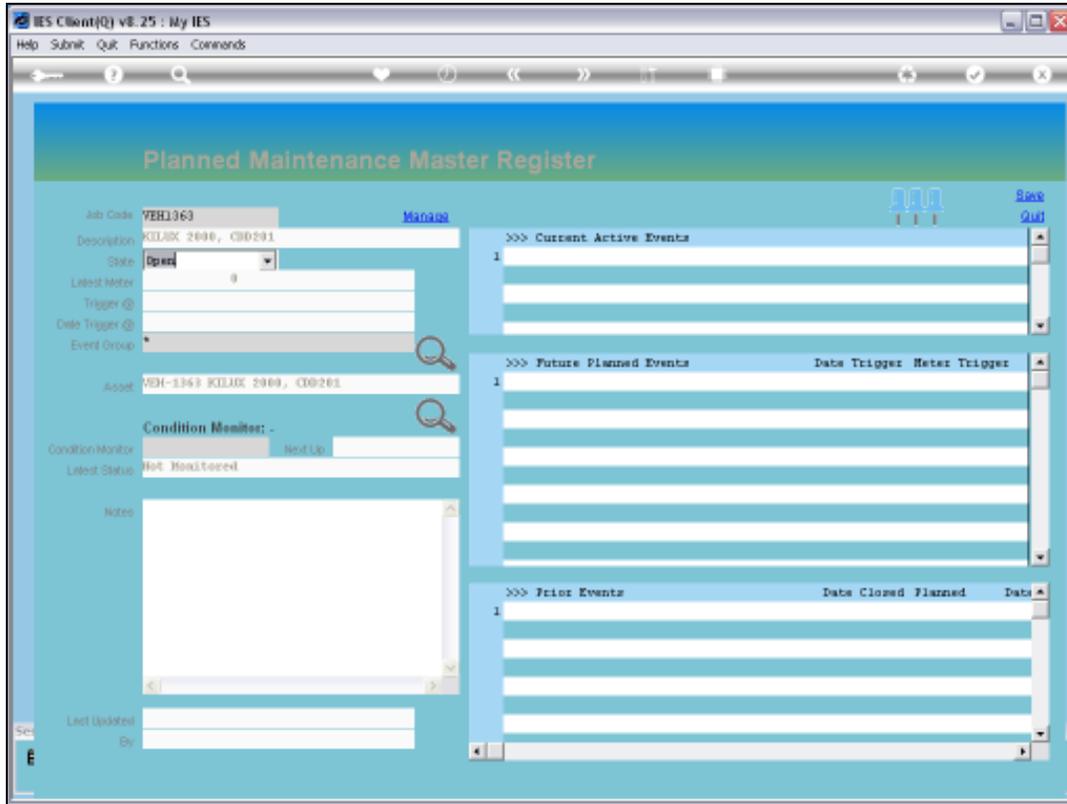
Slide notes:

The screenshot displays the 'Planned Maintenance Master Register' window in the IES Client v8.25: My IES application. The window title bar includes 'Help', 'Submit', 'Quit', 'Functions', and 'Comments'. The main content area is divided into several sections:

- Job Information:** Job Code: VEH1363, Description: KILJIK 2000, CD0201, State: Open, Asset: VEH-1363 KILJIK 2000, CD0201.
- Condition Monitor:** Condition Monitor: -, Latest Status: Not Monitored, Next Up: [field].
- Event Lists:** Three tables are visible: 'Current Active Events', 'Future Planned Events', and 'Prior Events'. Each table has columns for 'Date Trigger', 'Meter Trigger', 'Date Closed', and 'Planned'.
- Notes:** A large text area for entering notes.
- Footer:** Last Updated: [field], By: [field].

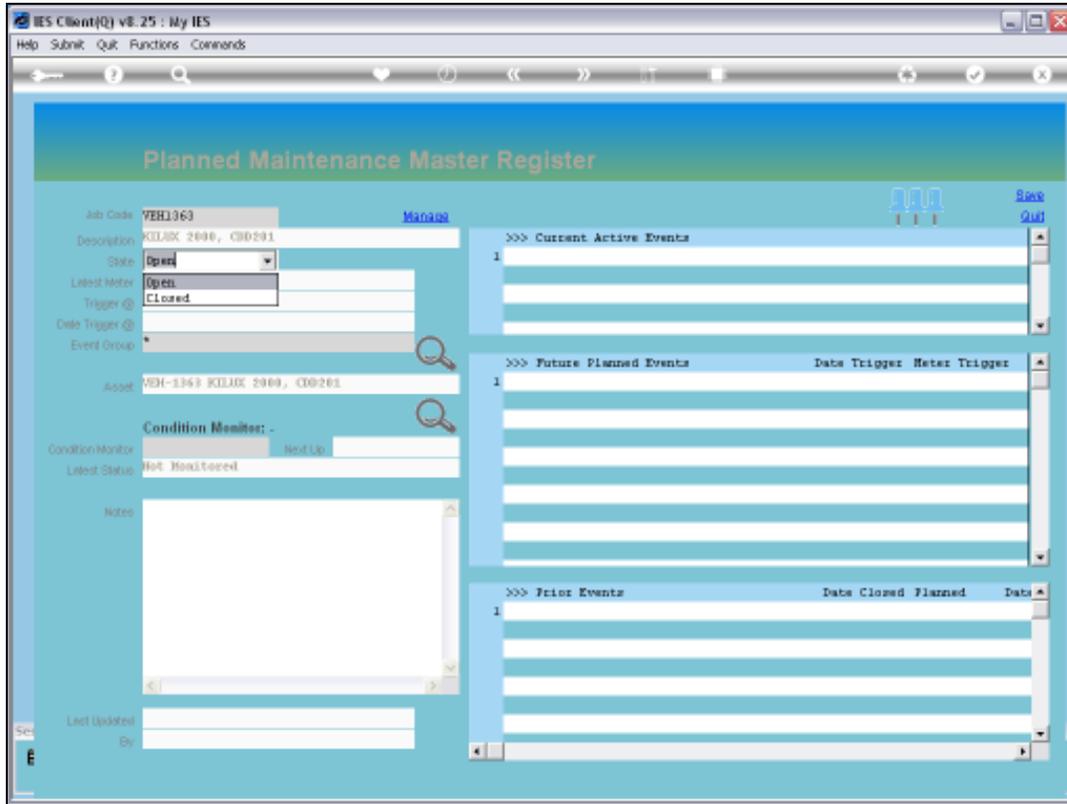
Slide 17

Slide notes: And of course there is no need to capture a description, because it is picked up from the Job Master.

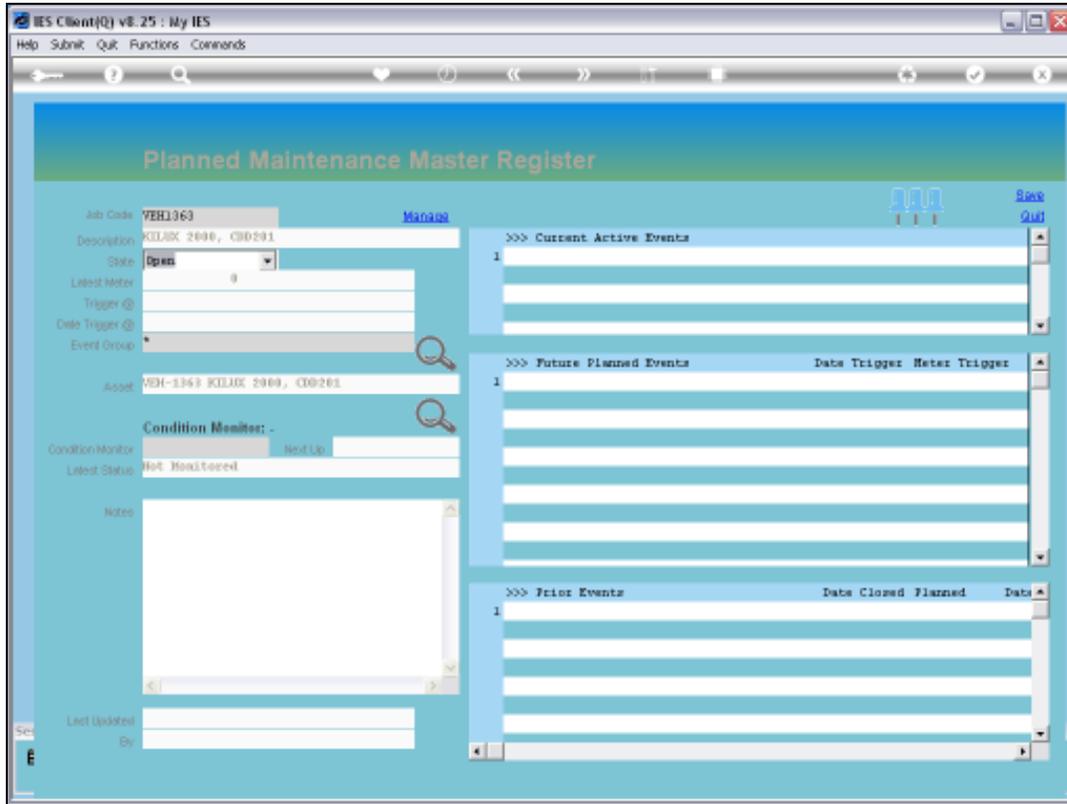


Slide 18

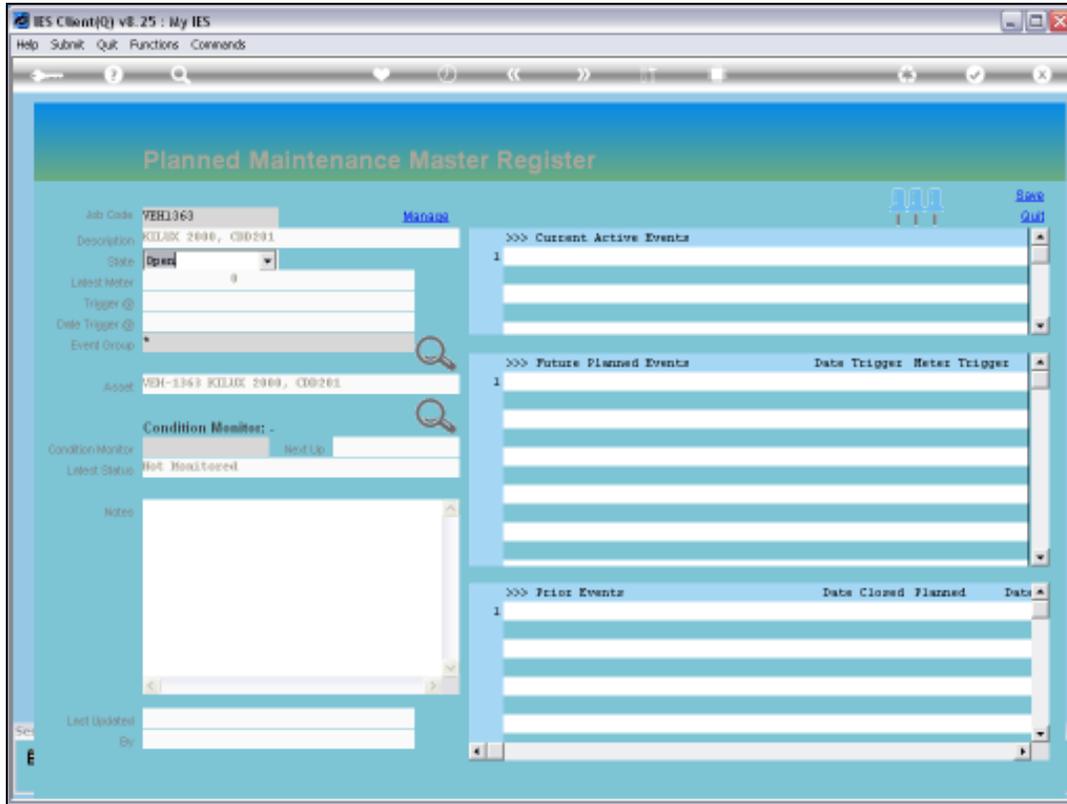
Slide notes: By default, the state will be OPEN, and if we ever reach the stage where there will no longer be any Maintenance on this Item for whatever reason, then we will CLOSE it.



Slide 19  
Slide notes:

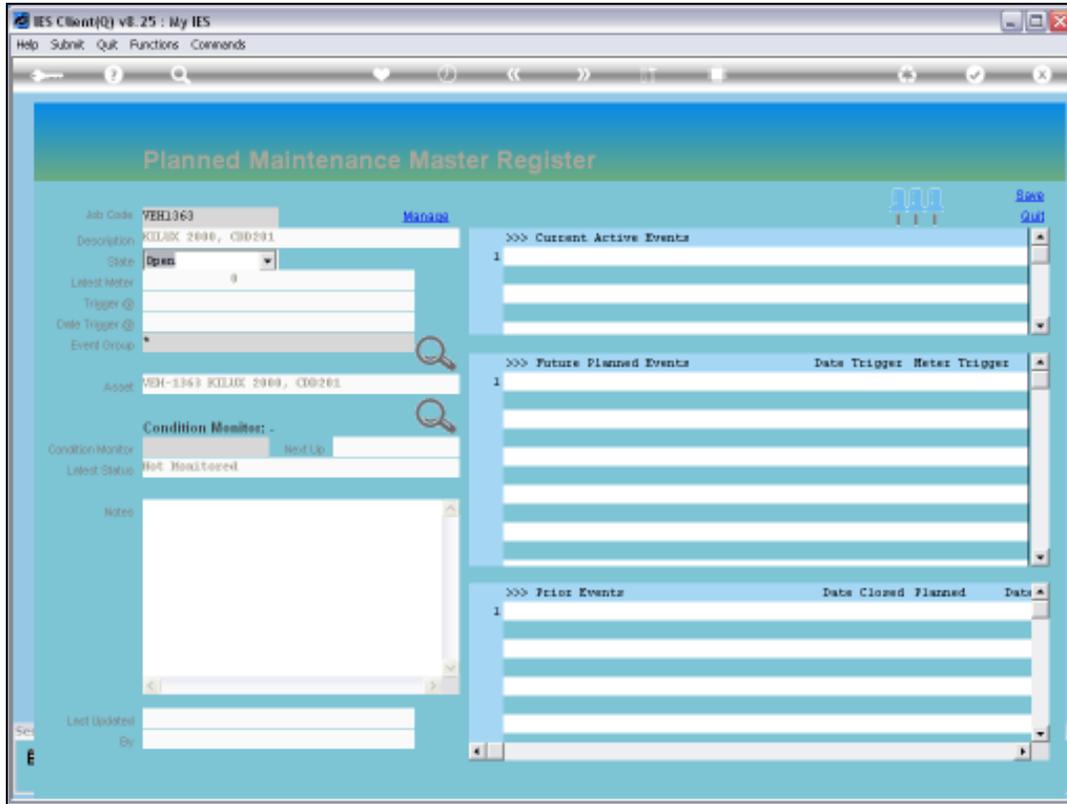


Slide 20  
Slide notes:



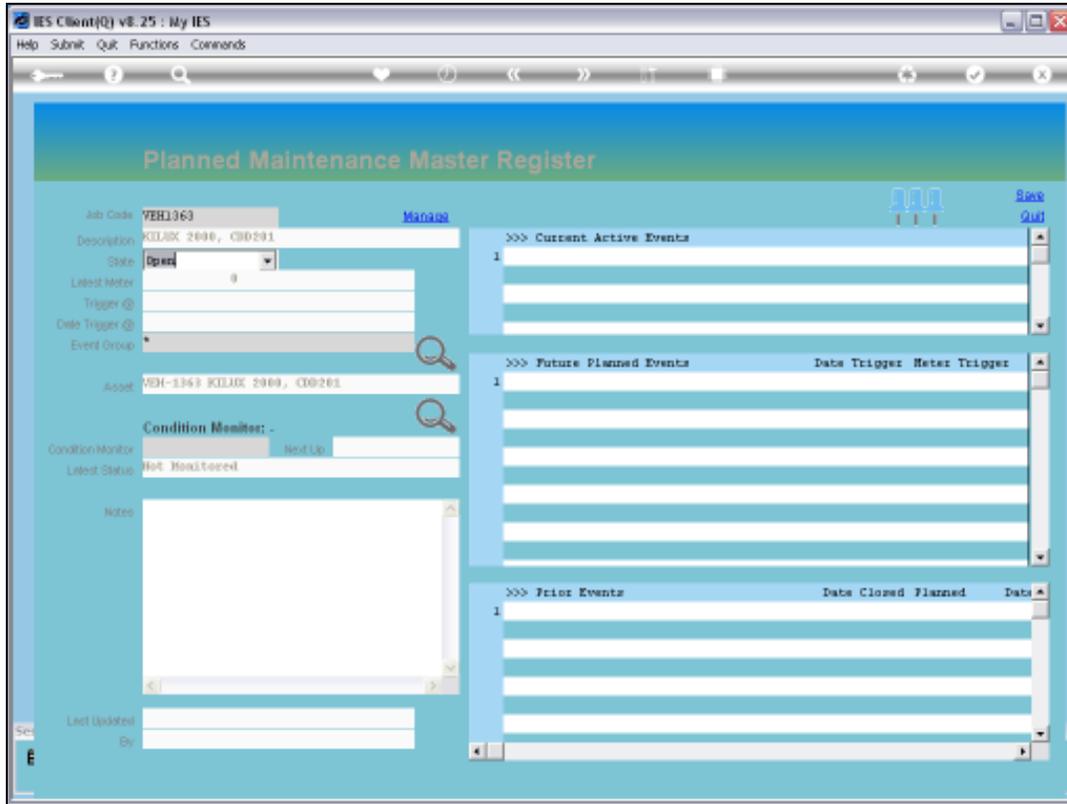
Slide 21

Slide notes: Since this is a brand new Vehicle, and we have no reading on the Meter yet, therefore it shows zero. There is also no 'next trigger by meter' indication, since there are no Events listed yet.



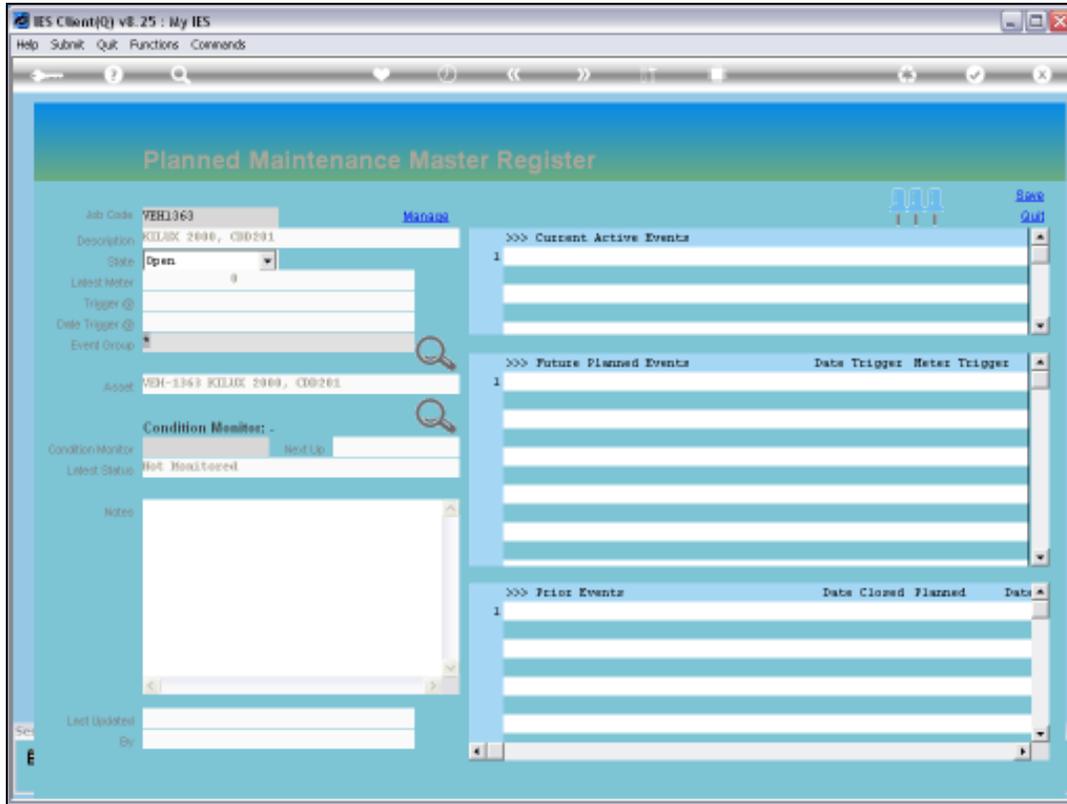
Slide 22

Slide notes: The same with the Date trigger.



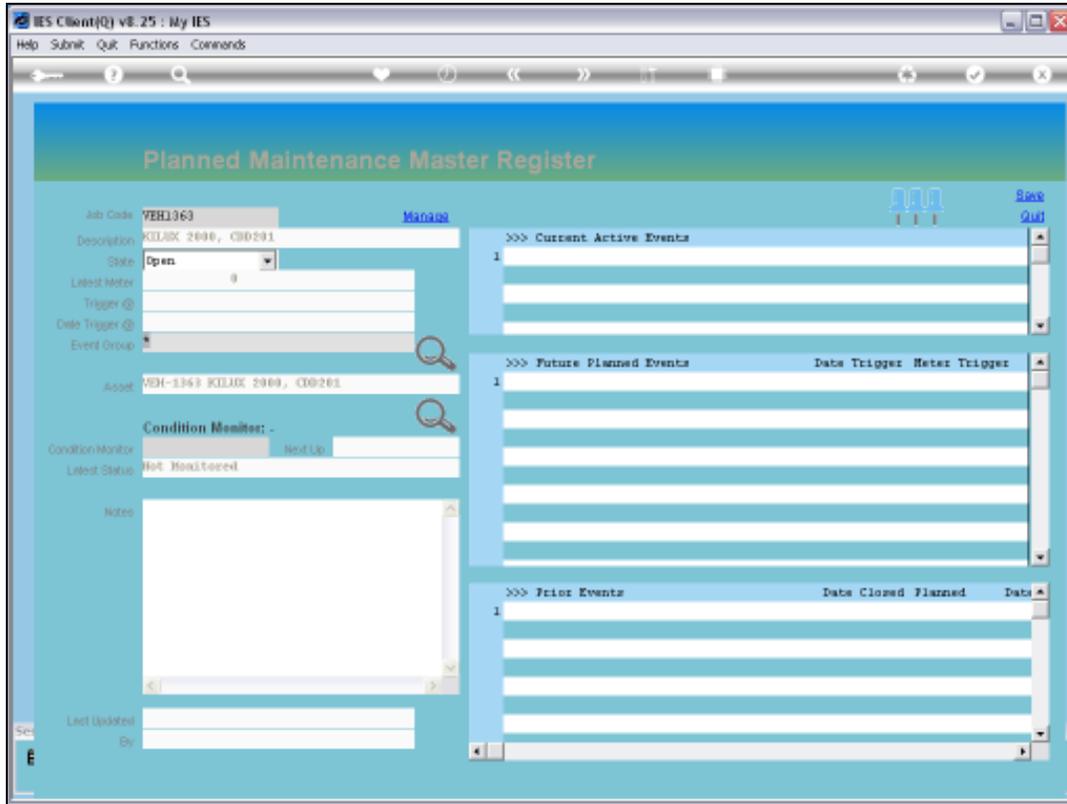
Slide 23

Slide notes:



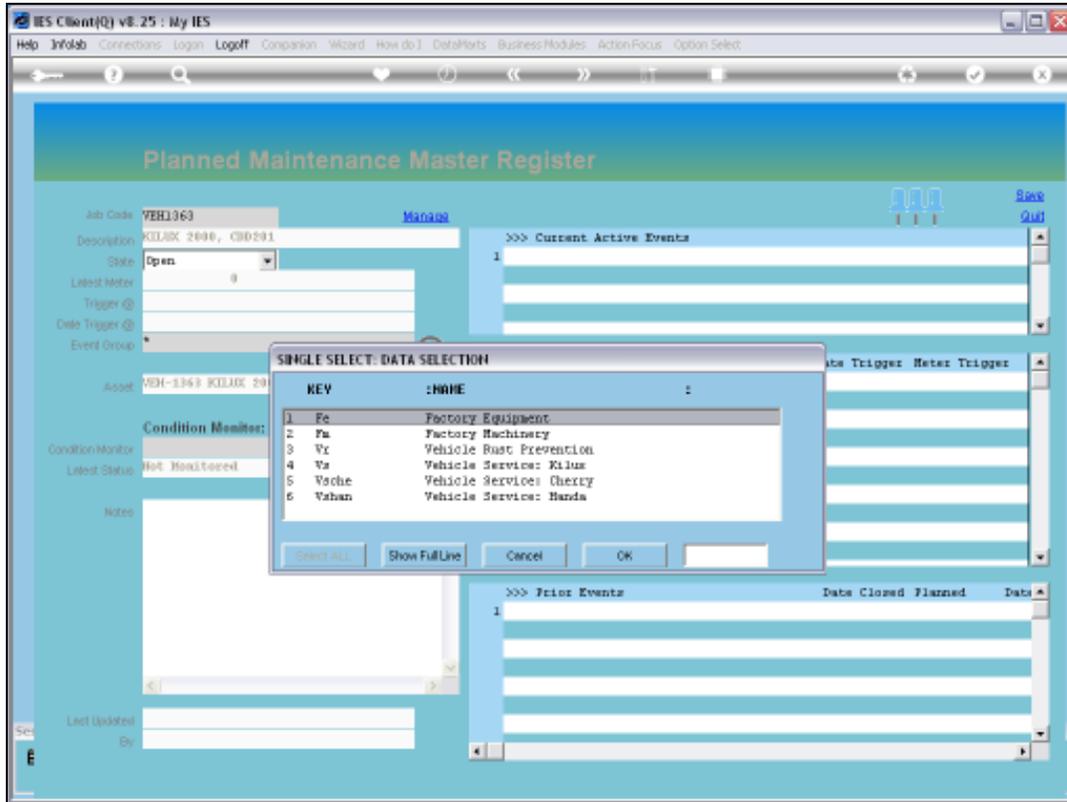
Slide 24

Slide notes: It is recommended to associate the Maintenance Item with the most logical Event Group that it will use, and it does not prevent us from including Events from other Groups as well. We are simply choosing the major association.



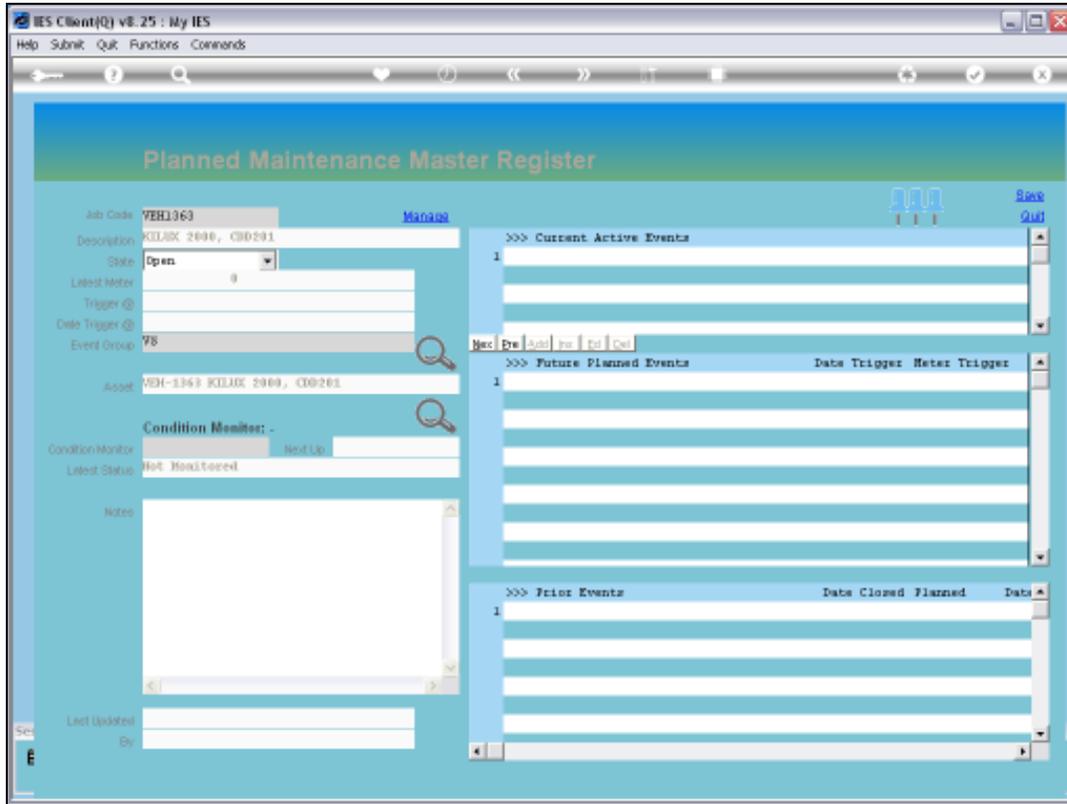
Slide 25

Slide notes:



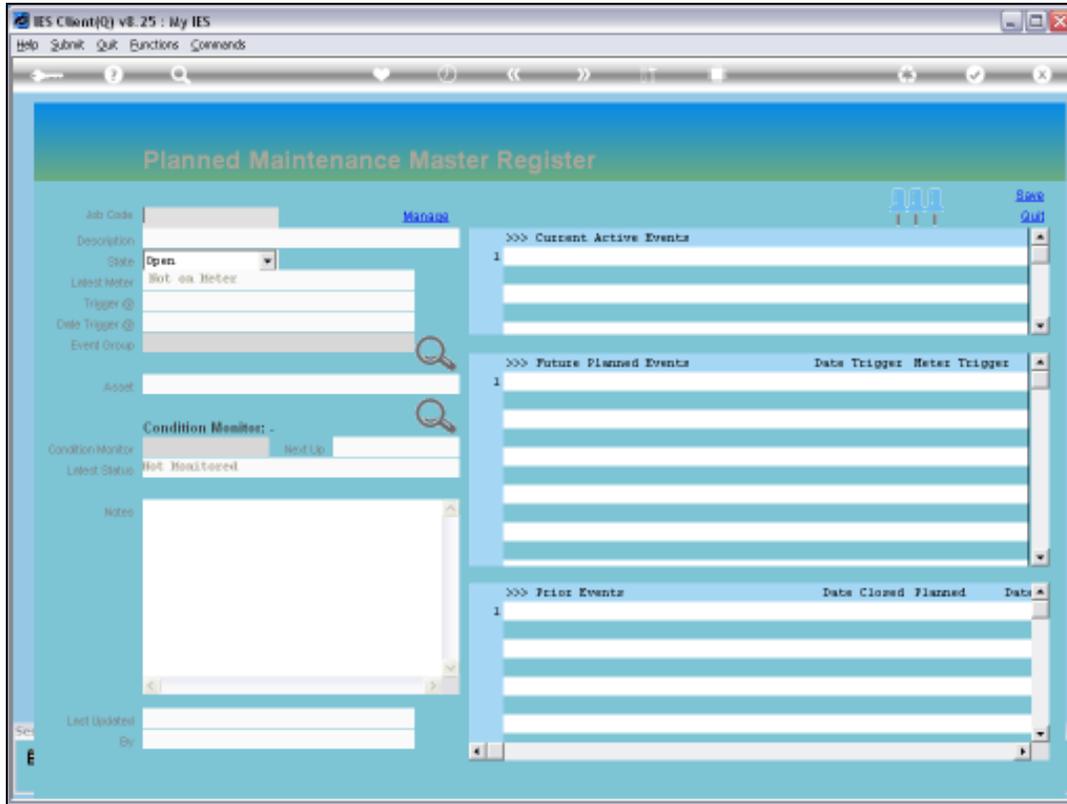
Slide 26

Slide notes:



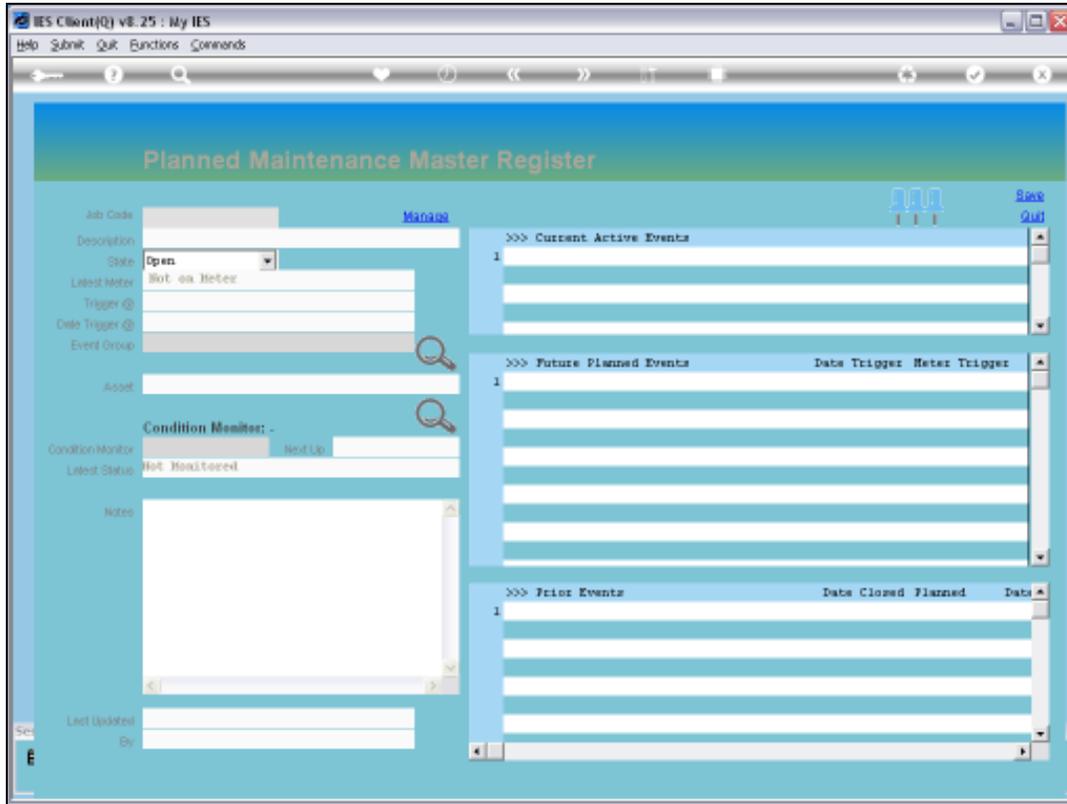
Slide 27

Slide notes: Since we have now satisfied the minimum requirements, we can save the record. It is not necessary to save now, because we want to do more work, but we will save anyway to show that we can do it this way and continue with more work on the item at a later stage.



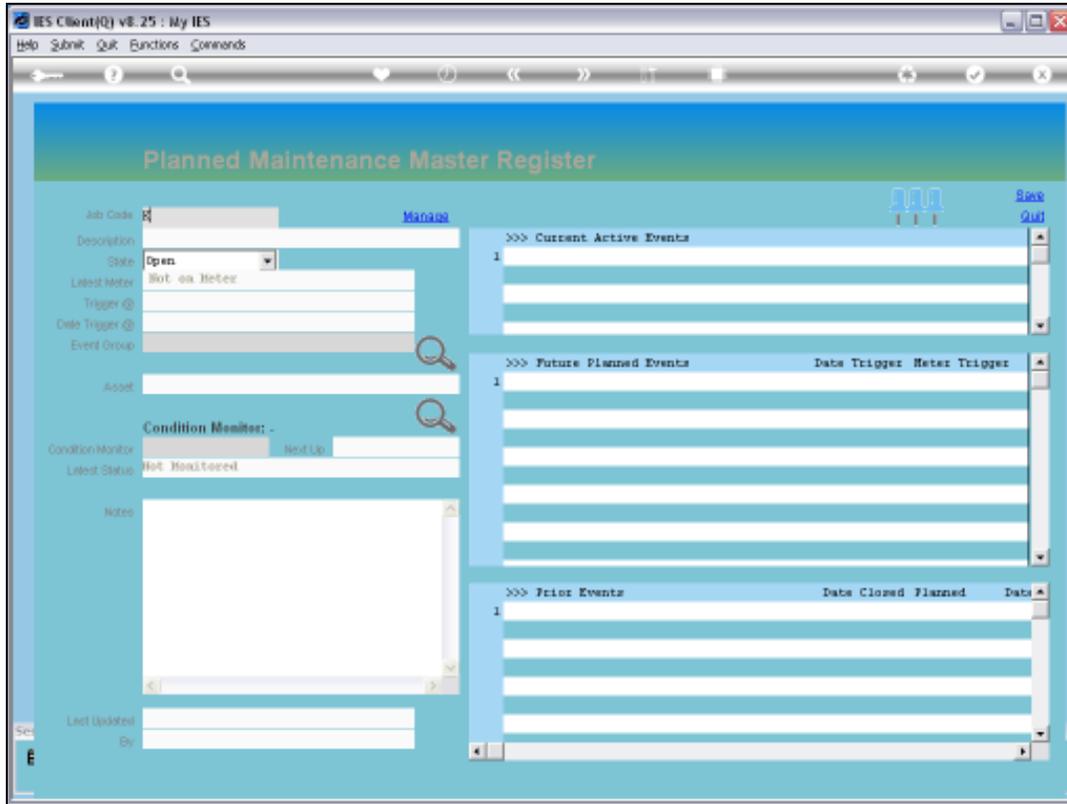
Slide 28

Slide notes:



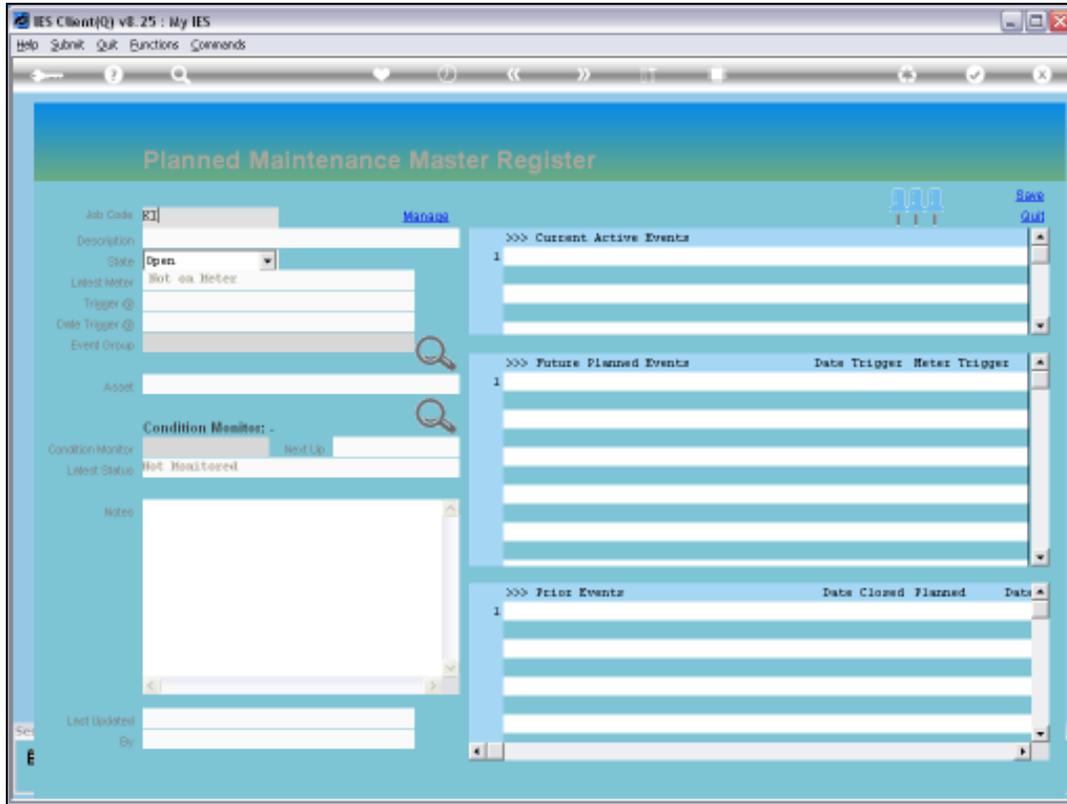
Slide 29

Slide notes:

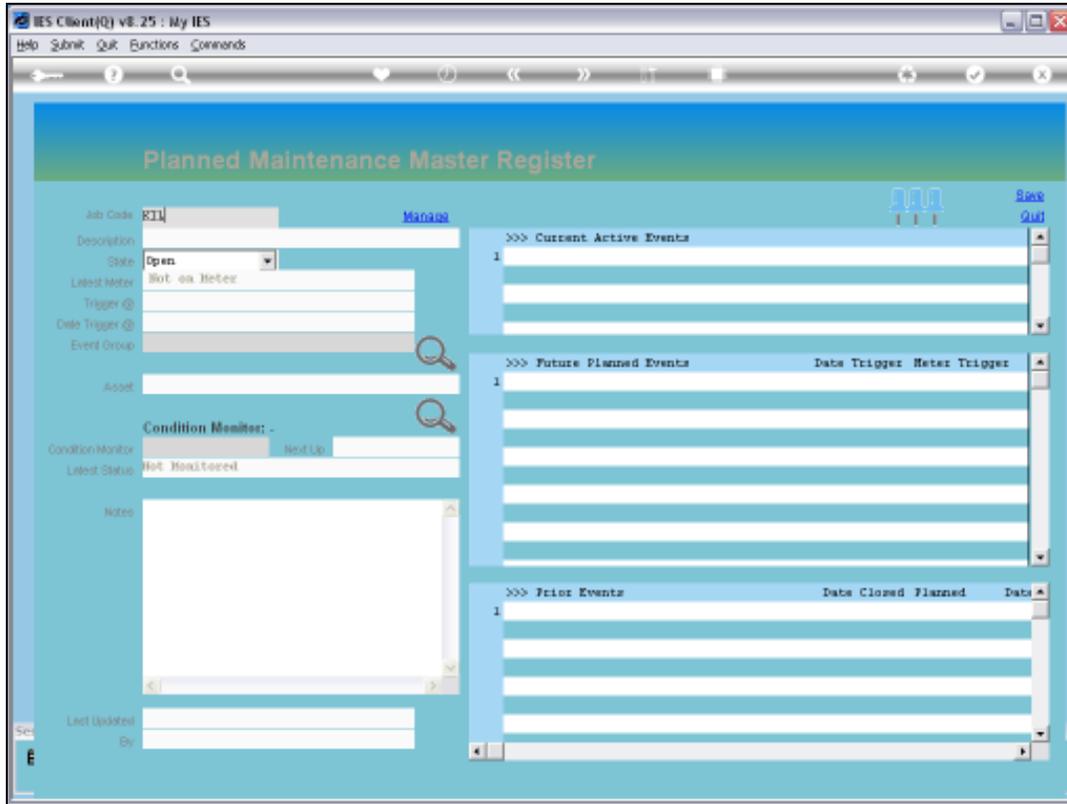


Slide 30

Slide notes:

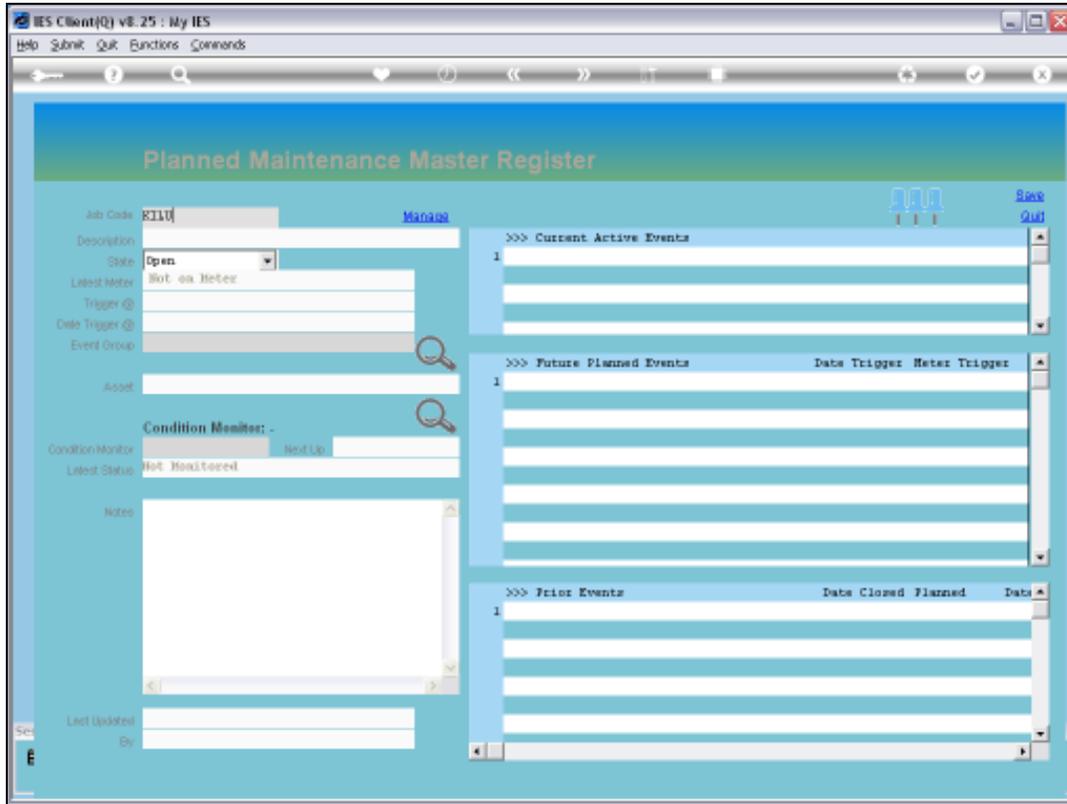


Slide 31  
Slide notes:



Slide 32

Slide notes:



Slide 33

Slide notes:

The screenshot displays the 'Planned Maintenance Master Register' window in the IES Client v8.25. The window title is 'My IES'. The interface is divided into several sections:

- Job Code:** K1110
- Description:** [Empty field]
- State:** Open
- Label Meter:** Not on Meter
- Trigger @:** [Empty field]
- Date Trigger @:** [Empty field]
- Event Group:** [Empty field]
- Asset:** [Empty field]
- Condition Monitor:** -
- Label Status:** Not Monitored
- Notes:** [Empty text area]
- Last Updated:** [Empty field]
- By:** [Empty field]

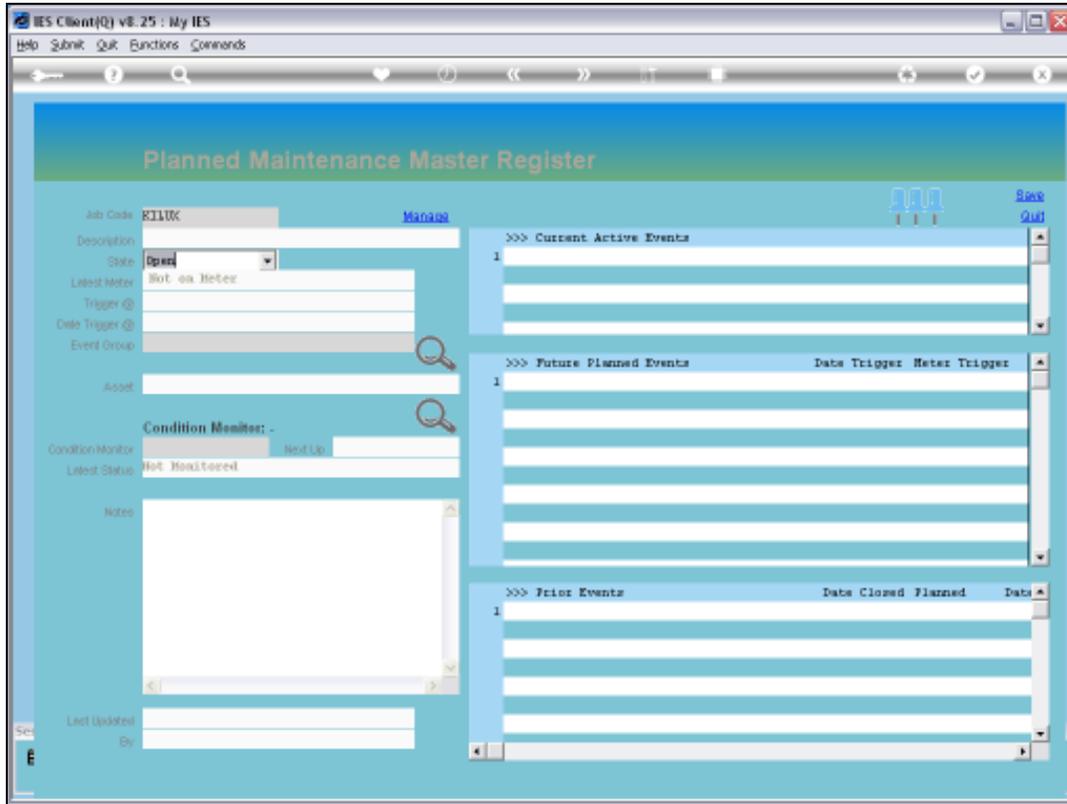
On the right side, there are three event lists:

- Current Active Events:** A table with one row containing the number '1'.
- Future Planned Events:** A table with one row containing the number '1'. The header includes 'Date Trigger', 'Meter', and 'Trigger'.
- Prior Events:** A table with one row containing the number '1'. The header includes 'Date Closed', 'Planned', and 'Date'.

Navigation buttons 'Back' and 'Quit' are visible in the top right corner. A 'Manage' button is located next to the Job Code field. Search icons are present next to the 'Event Group' and 'Condition Monitor' fields.

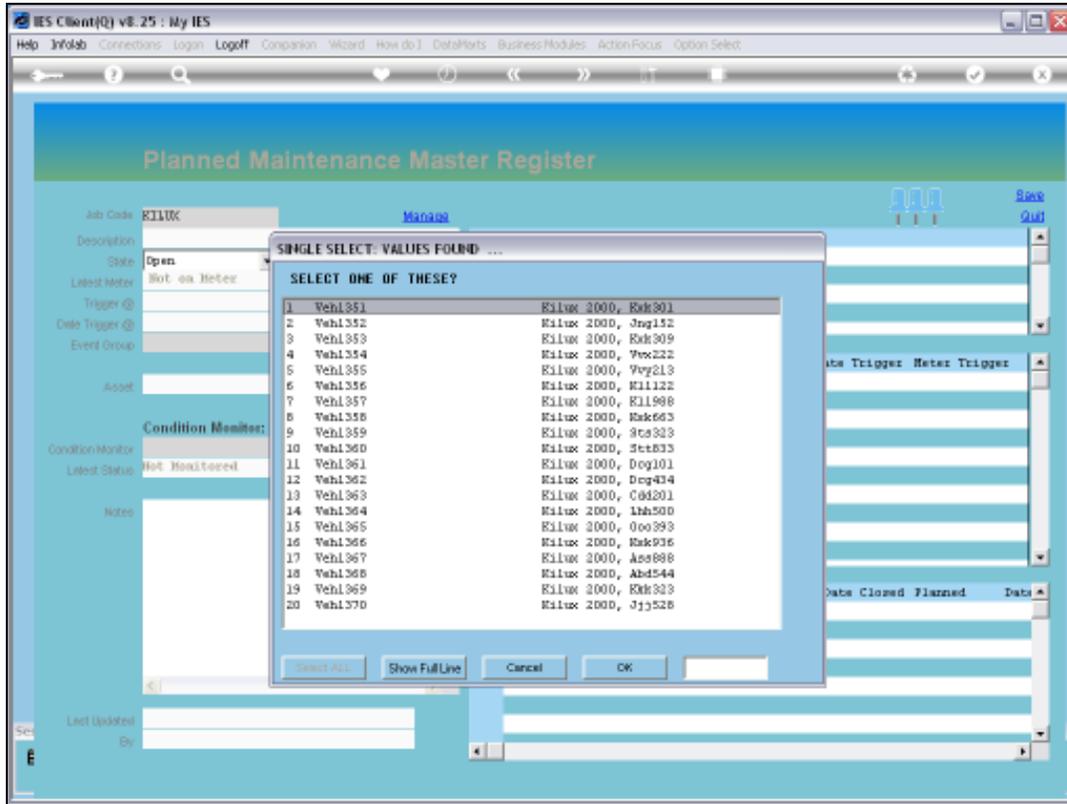
## Slide 34

Slide notes: To retrieve the same or any other Item on the Maintenance Register, we can use any of the usual lookup methods. In this case, we will use a keyword that is part of the name of this Item.

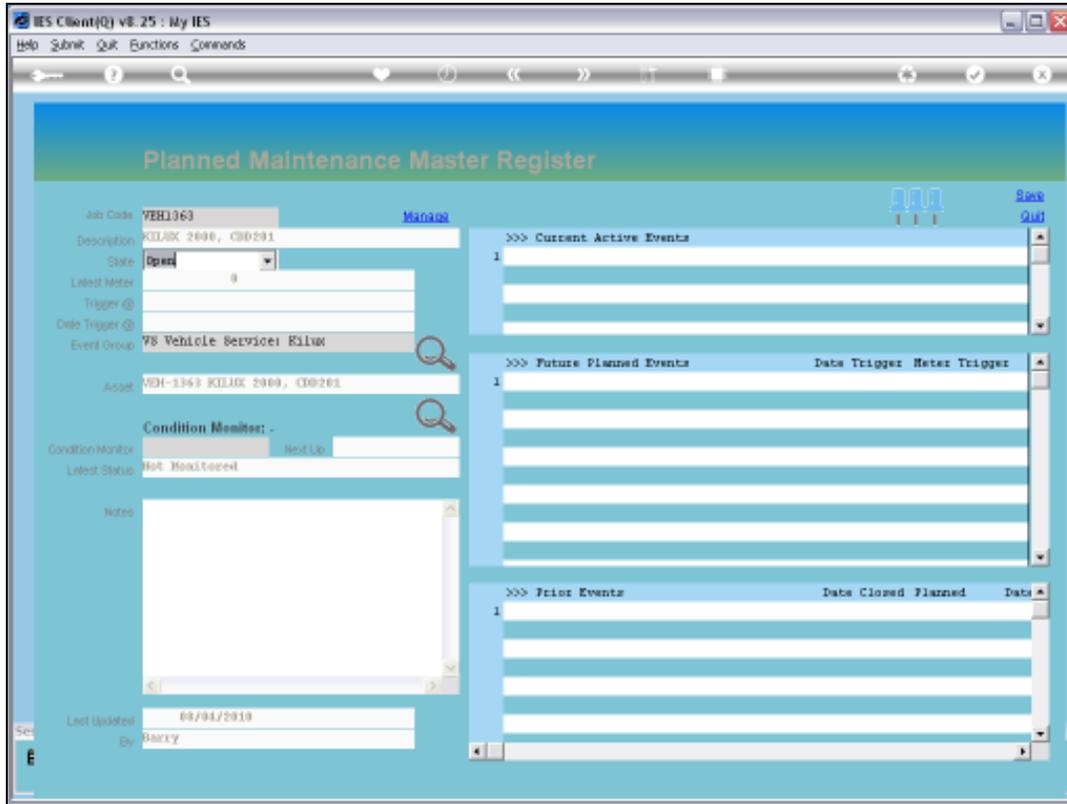


Slide 35

Slide notes:

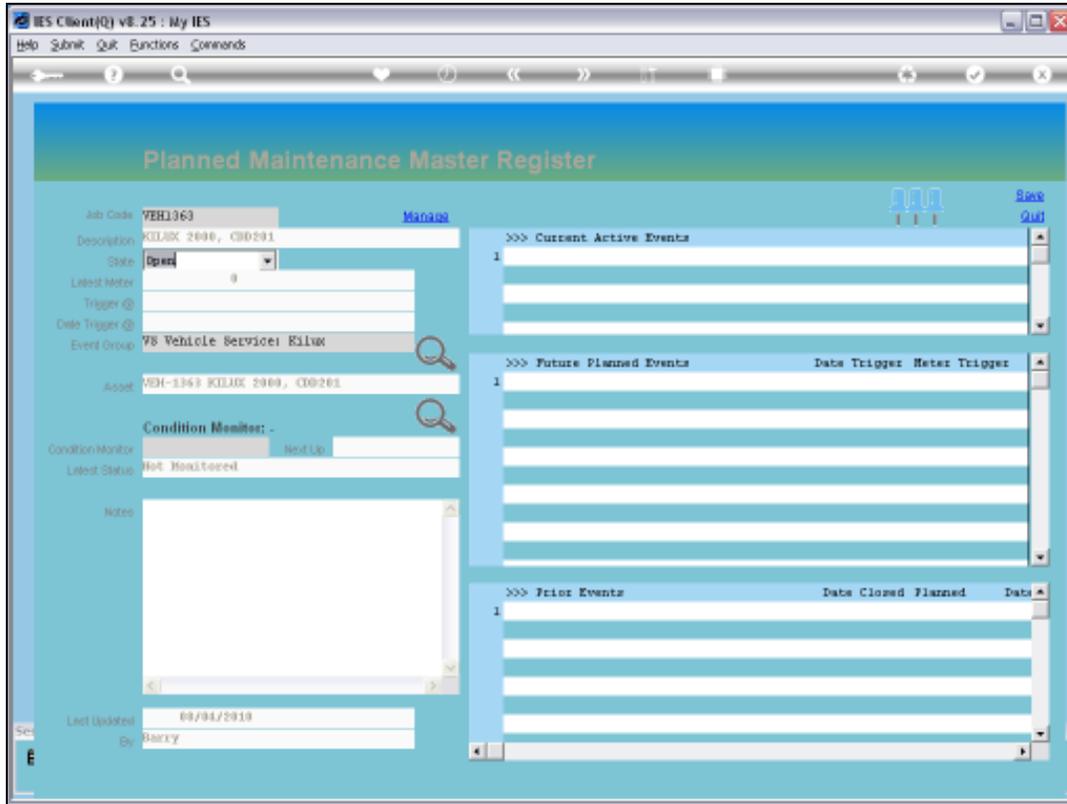


Slide 36  
Slide notes:



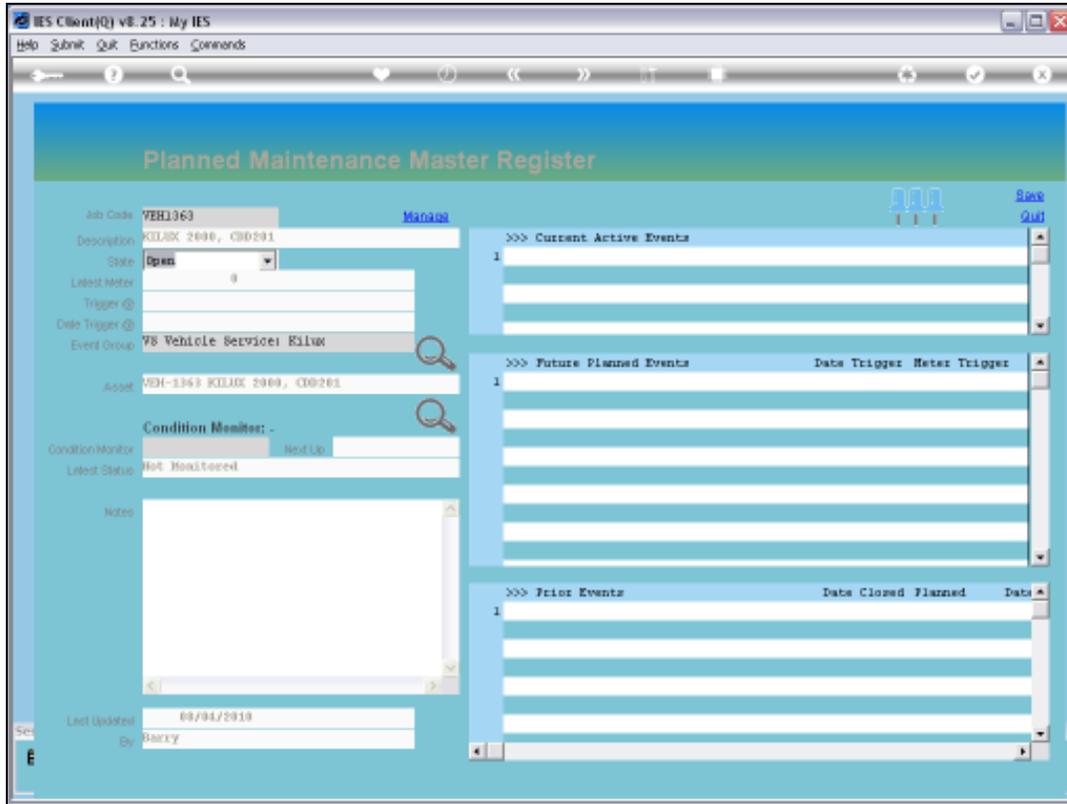
Slide 37

Slide notes: Note that the system now knows the linked Asset as well, which is picked up from the Job Master. If there is a linked Asset, then we can also drill it.



Slide 38

Slide notes:



Slide 39

Slide notes:

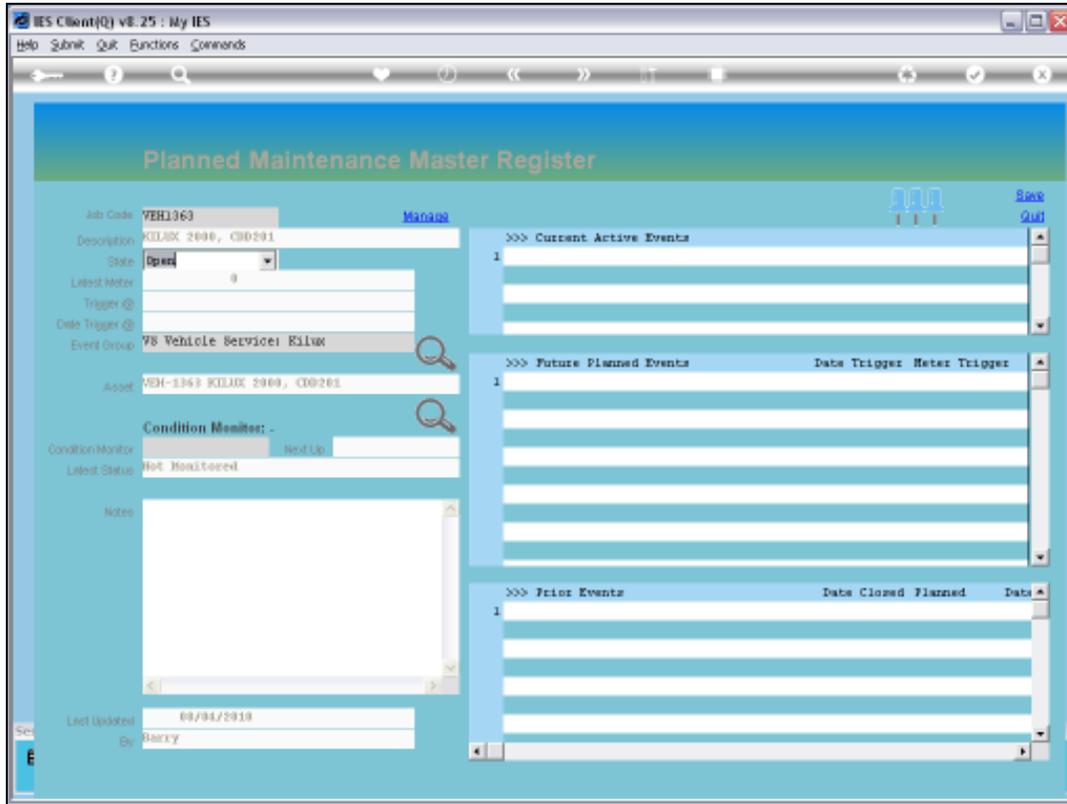
The screenshot shows the 'Asset Master' interface in the IES Client v8.25. The window title is 'IES Client[0] v8.25 : My IES'. The interface has a blue header with the title 'Asset Master'. Below the header, there are several input fields and dropdown menus for asset details. On the right side, there are two large empty text areas labeled 'External verification' and 'Notes'. At the bottom right, there are fields for 'Last Updated By' (Roxxy) and 'Last Updated' (09/04/2010). At the bottom left, there is a table titled '>>> Asset Items' with one row of data.

Asset No.	VEH1363
Asset Account	VEH-1363
Description	KIA 2000, CIO201
Transaction Status	open
Control Acct	10-00-00-00 ASSET CAPITAL, VEHICLES
Depr Control	10-00-00-00 ASSETS, ACCUM DEPR, VEHICLES
Control Code	100 Vehicles
Depreciate On	100
Group	Vehicles
Sub Group	
Dept	

>>> Asset Items	
1	VEH-1363-01 KIA 2000, CIO201

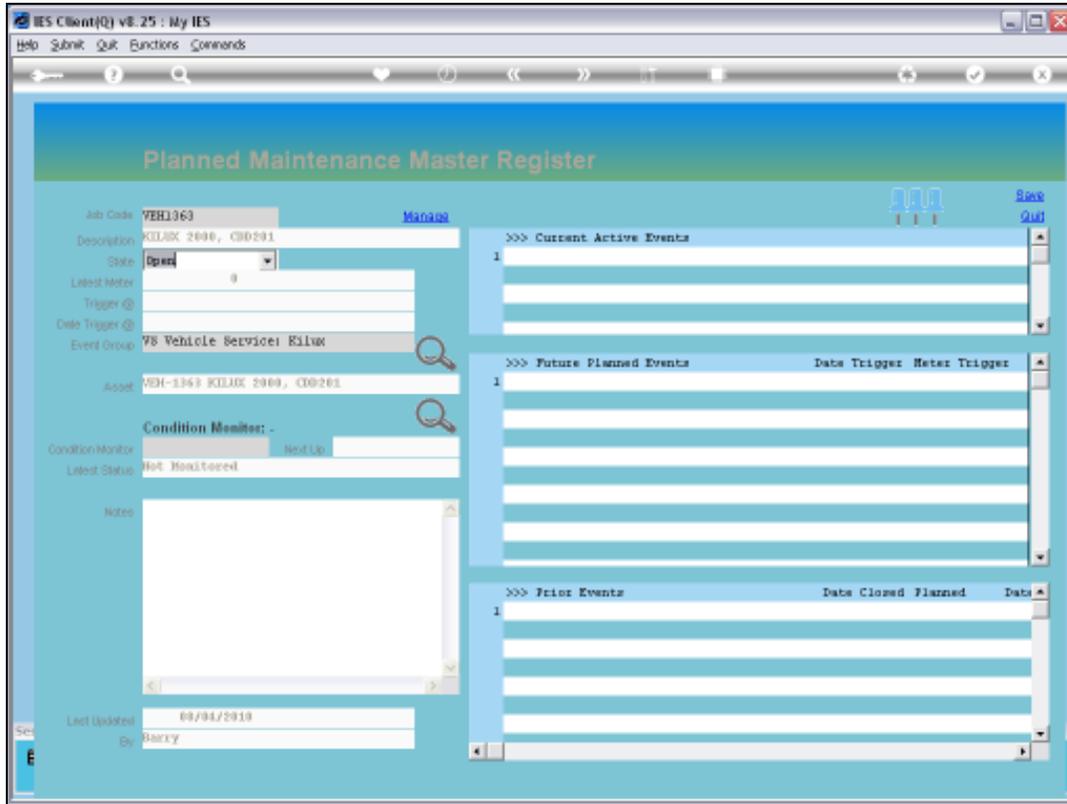
Slide 40

Slide notes: On the Asset Master, we can also drill all detail for the Asset, including Transactions, etc.



Slide 41

Slide notes: Condition Monitoring for any Maintenance Item is optional. For this new Item, we have not stated any Monitoring yet, but we can already open the Monitor Check sheet.

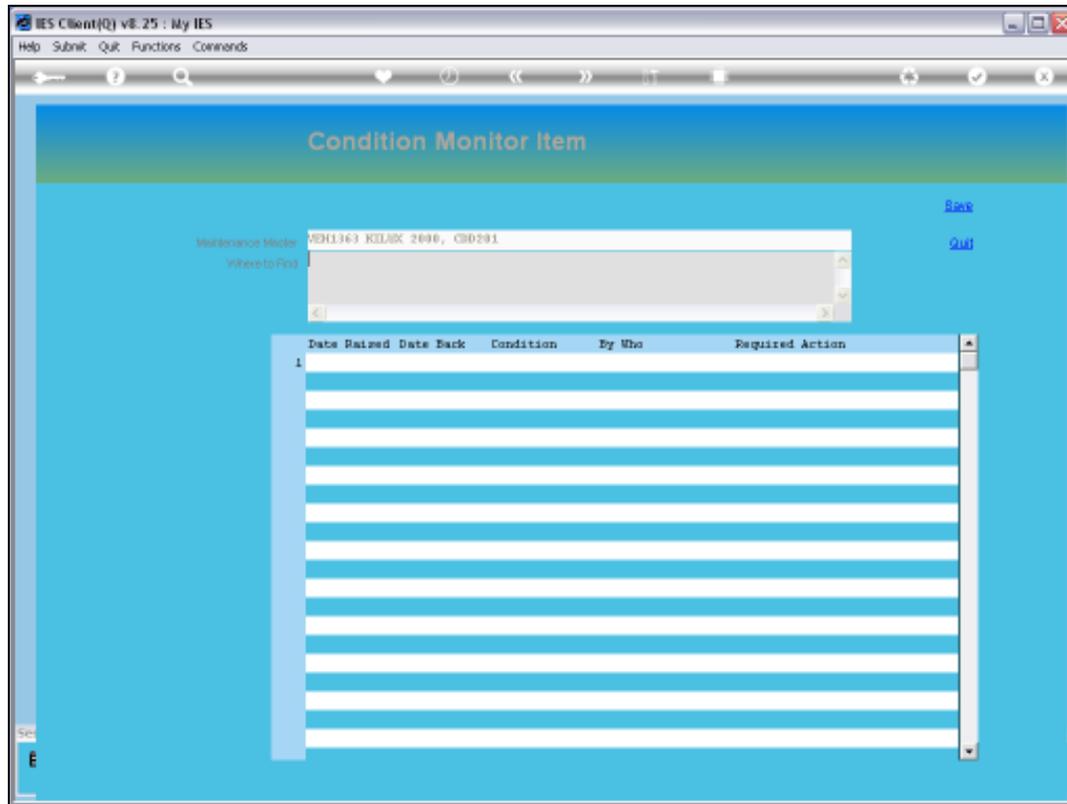


Slide 42

Slide notes:

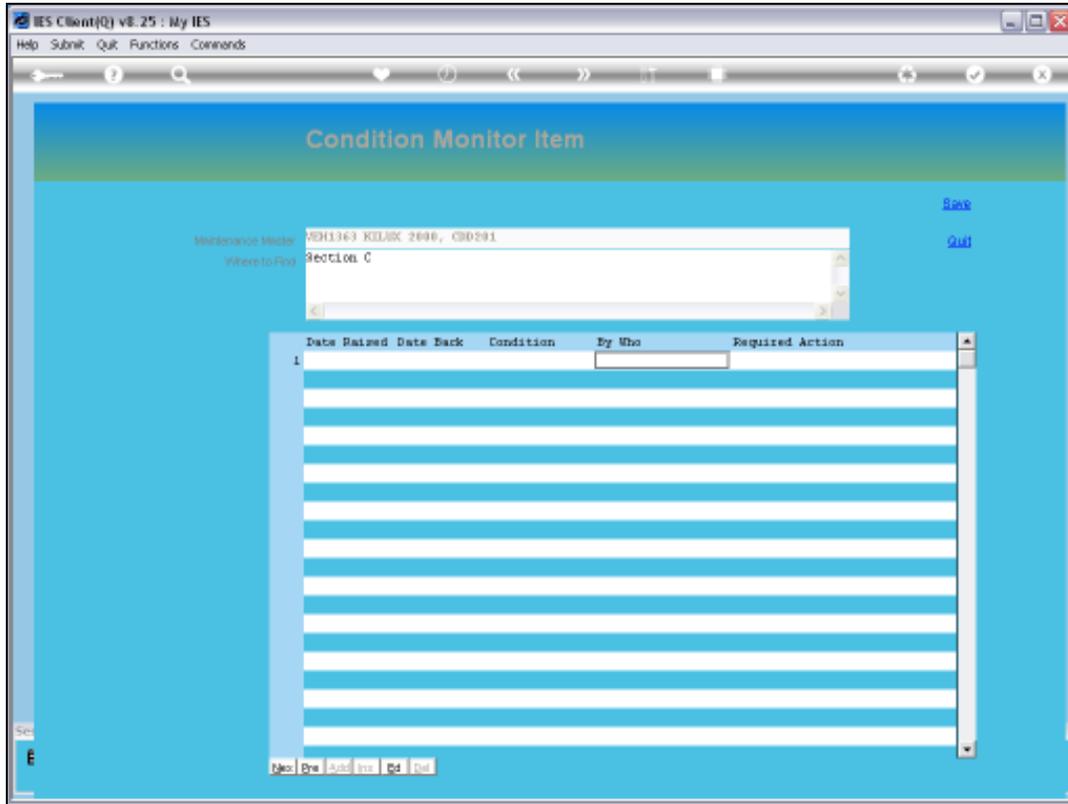






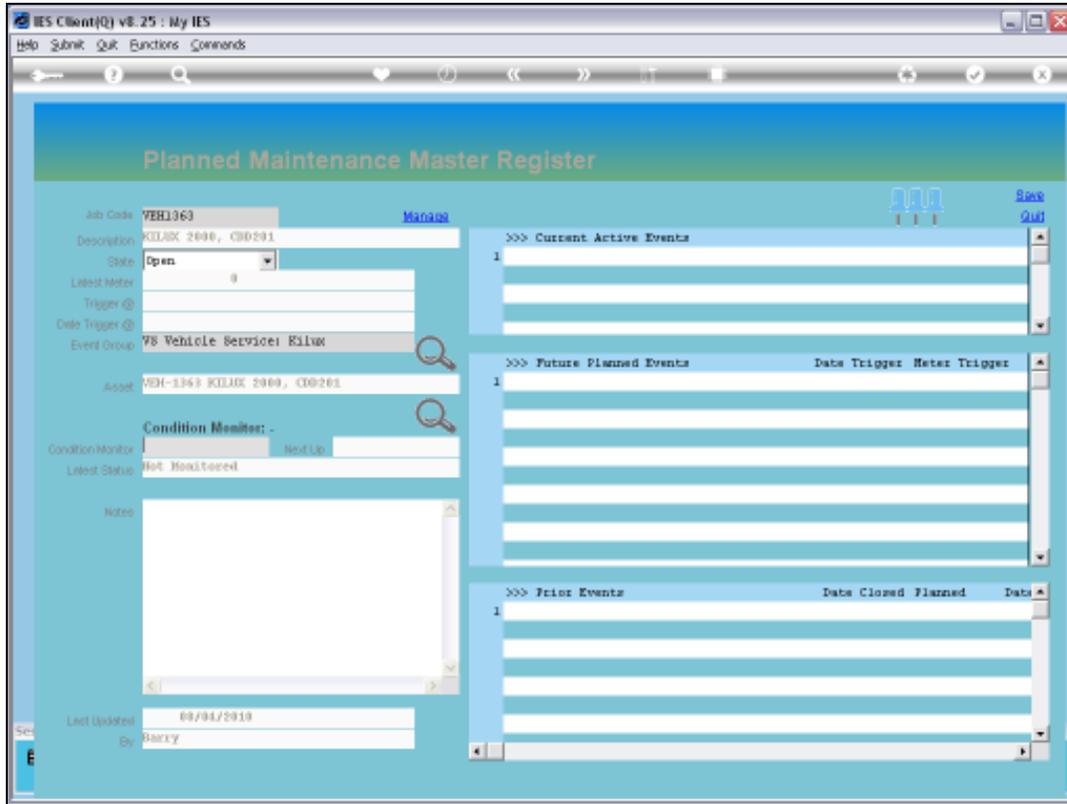
## Slide 45

Slide notes: There is as yet no Condition Monitoring history on this new Item, but over time, all the records of when this Item was inspected will appear here.



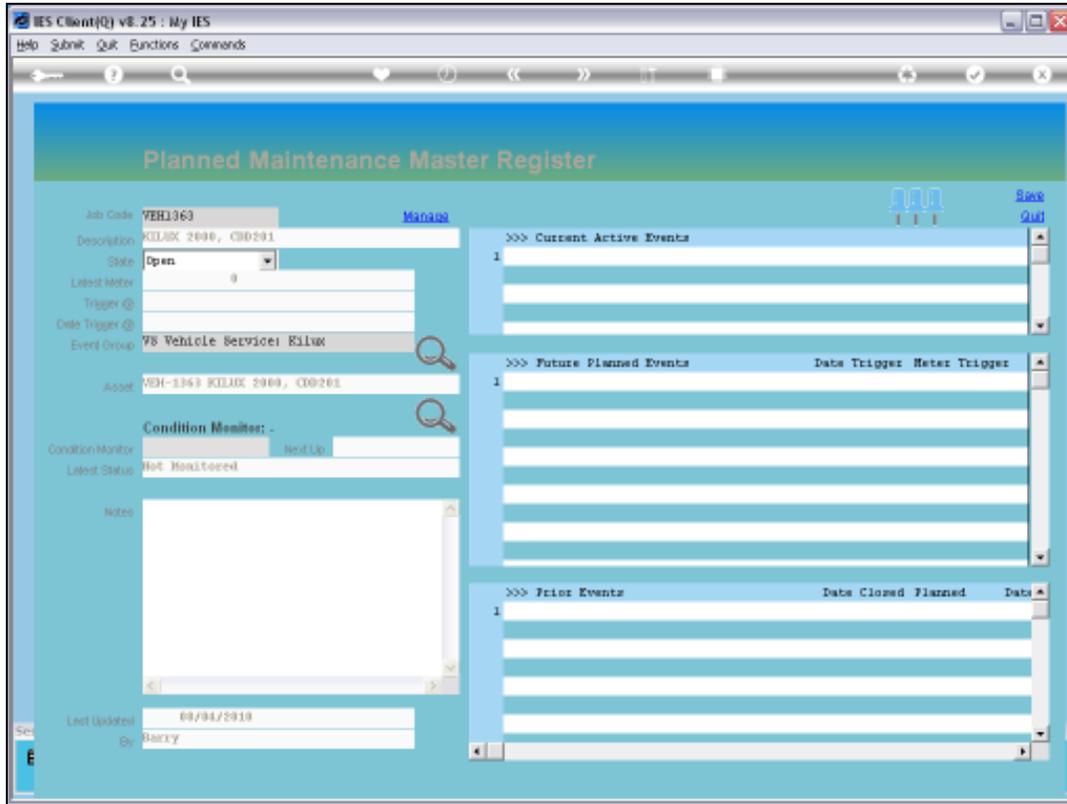
Slide 46

Slide notes:



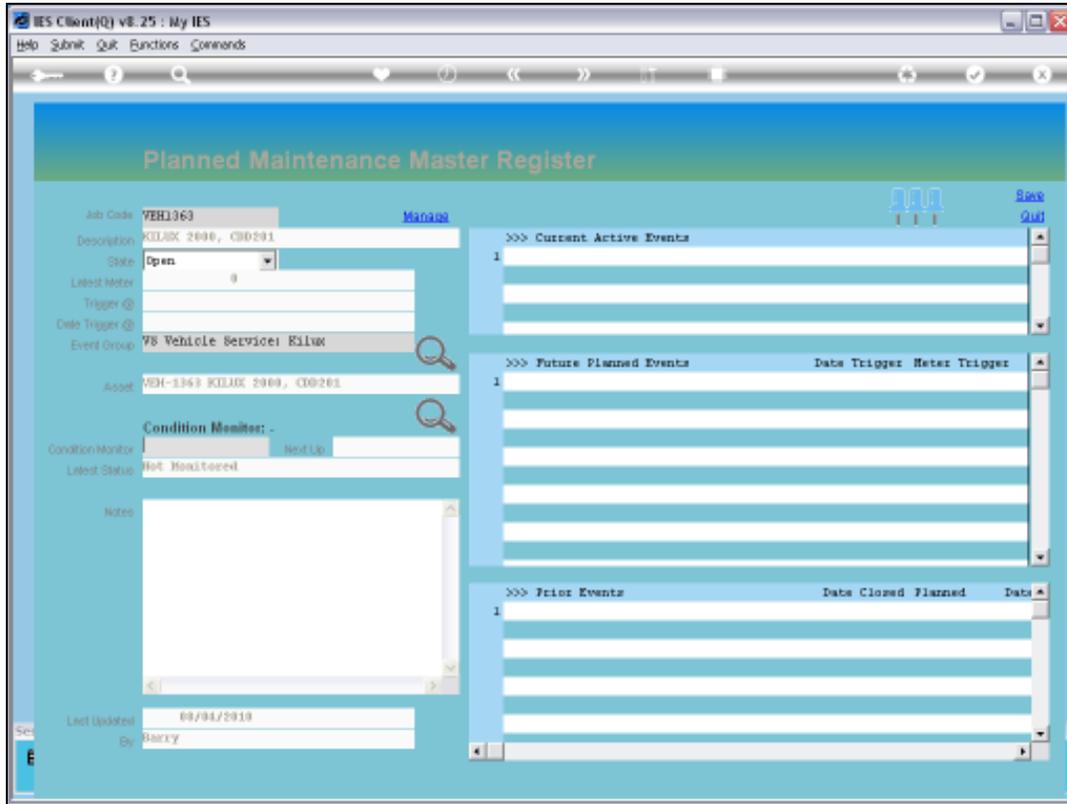
Slide 47

Slide notes:

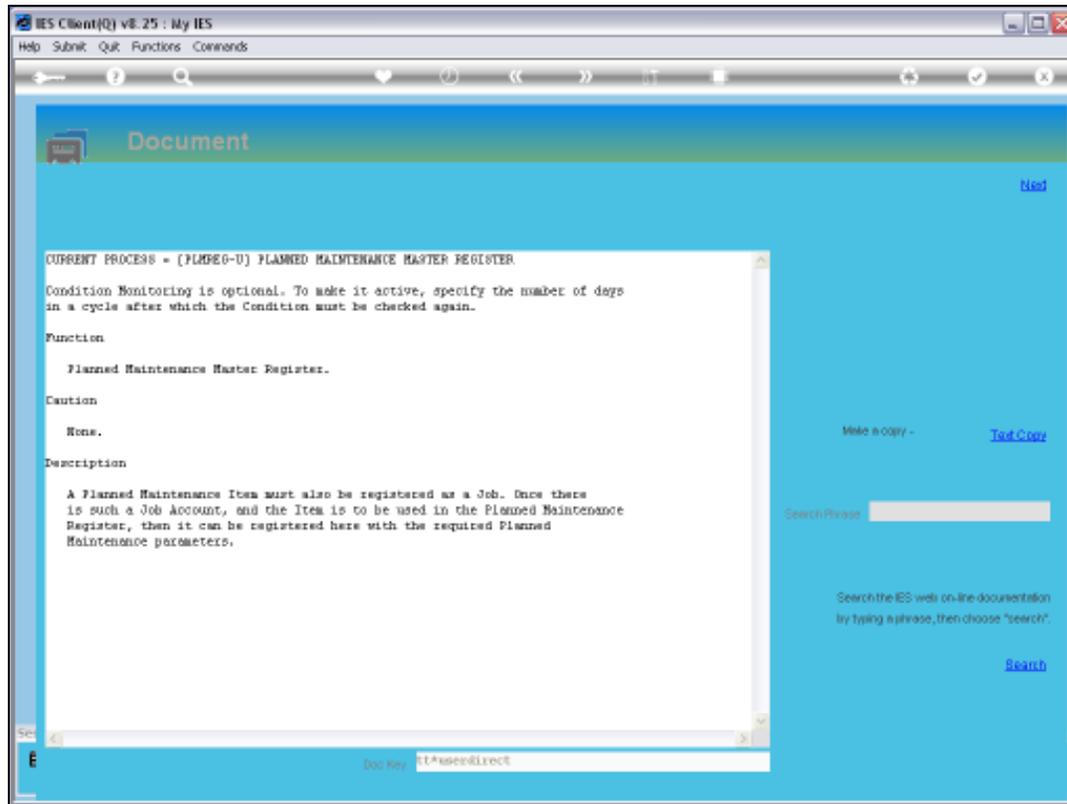


Slide 48

Slide notes:

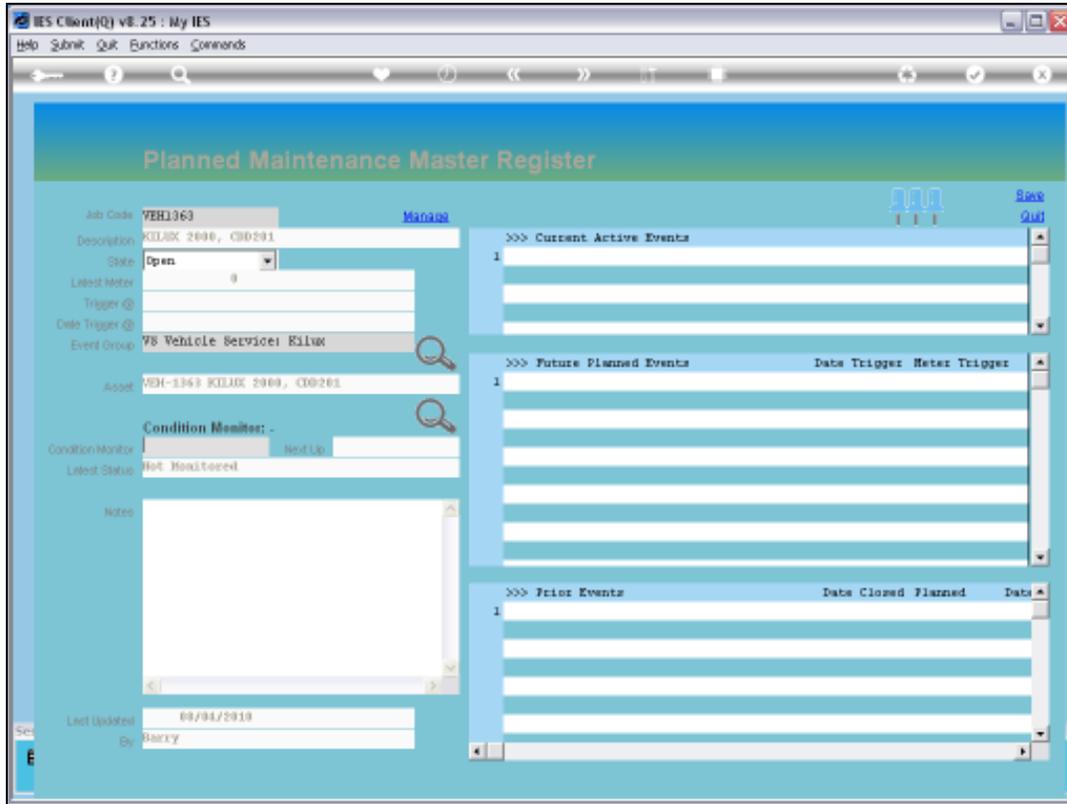


Slide 49  
Slide notes:

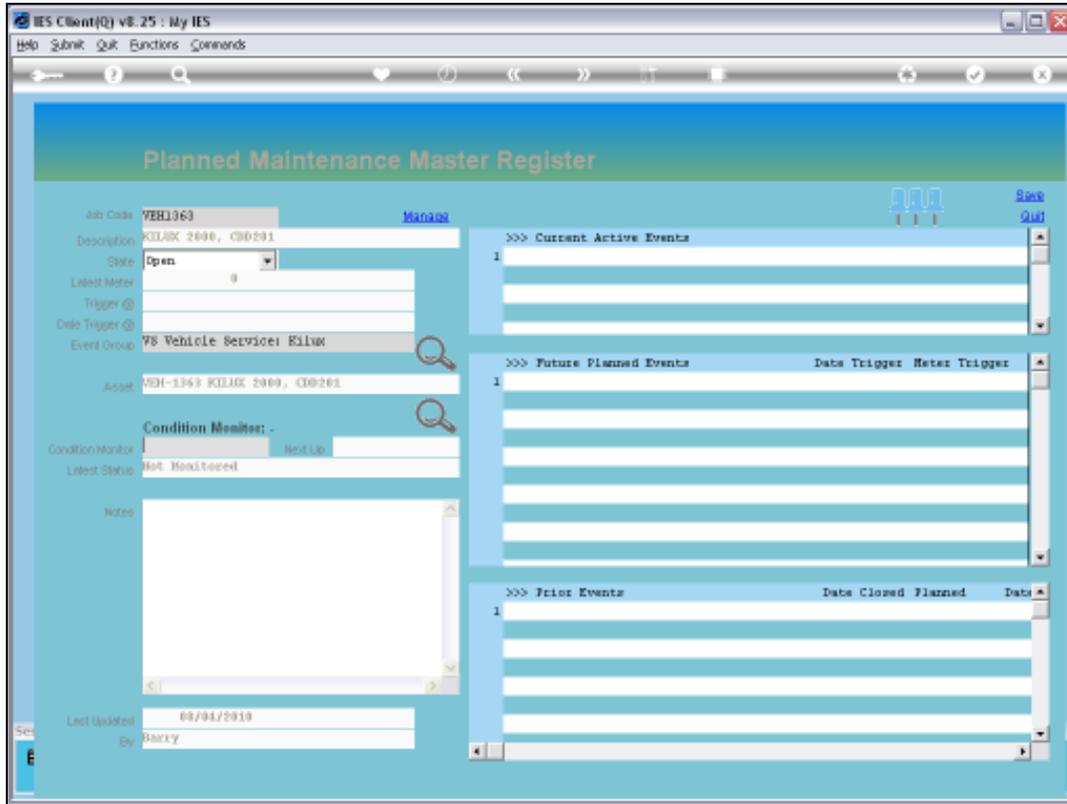


## Slide 50

Slide notes: The Help for the Condition Monitor explains that we need to indicate a number of days in a cycle after which the Item should be inspected, otherwise there is no official condition monitoring taking place.

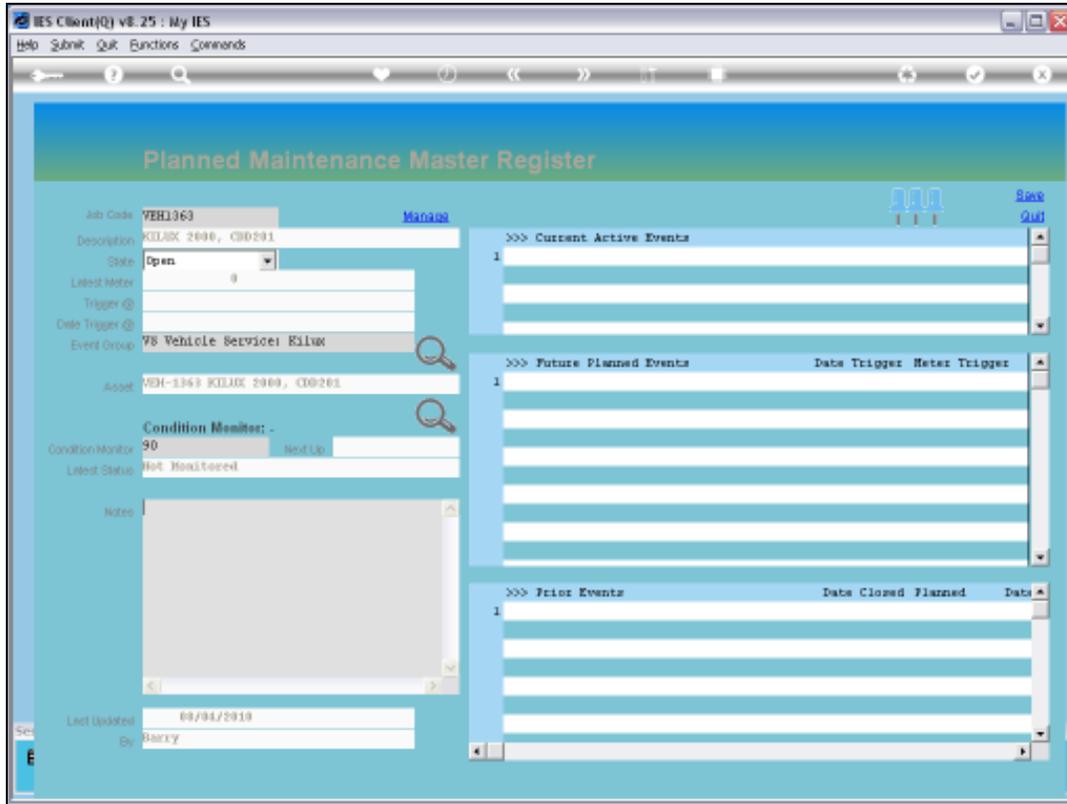


Slide 51  
Slide notes:



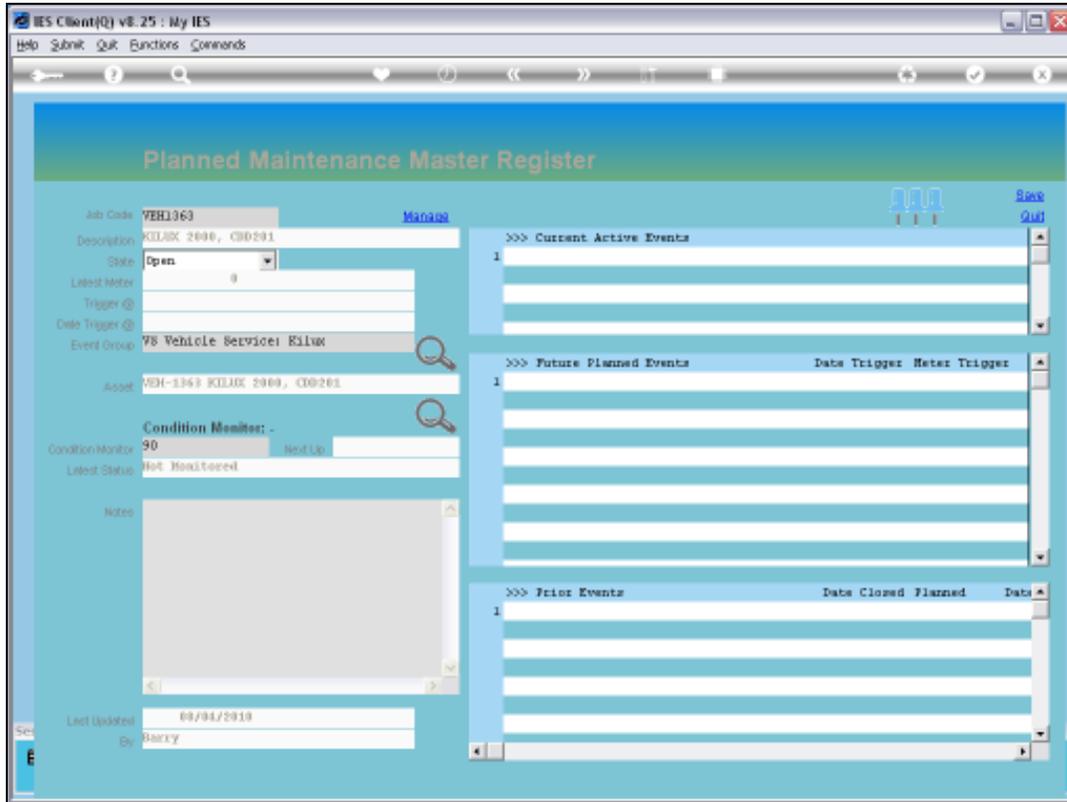
Slide 52

Slide notes: So we insert a 90 day cycle in this case, and that means that this Item will be inspected every 3 months, approximately, and will automatically appear on the Inspection Report accordingly.



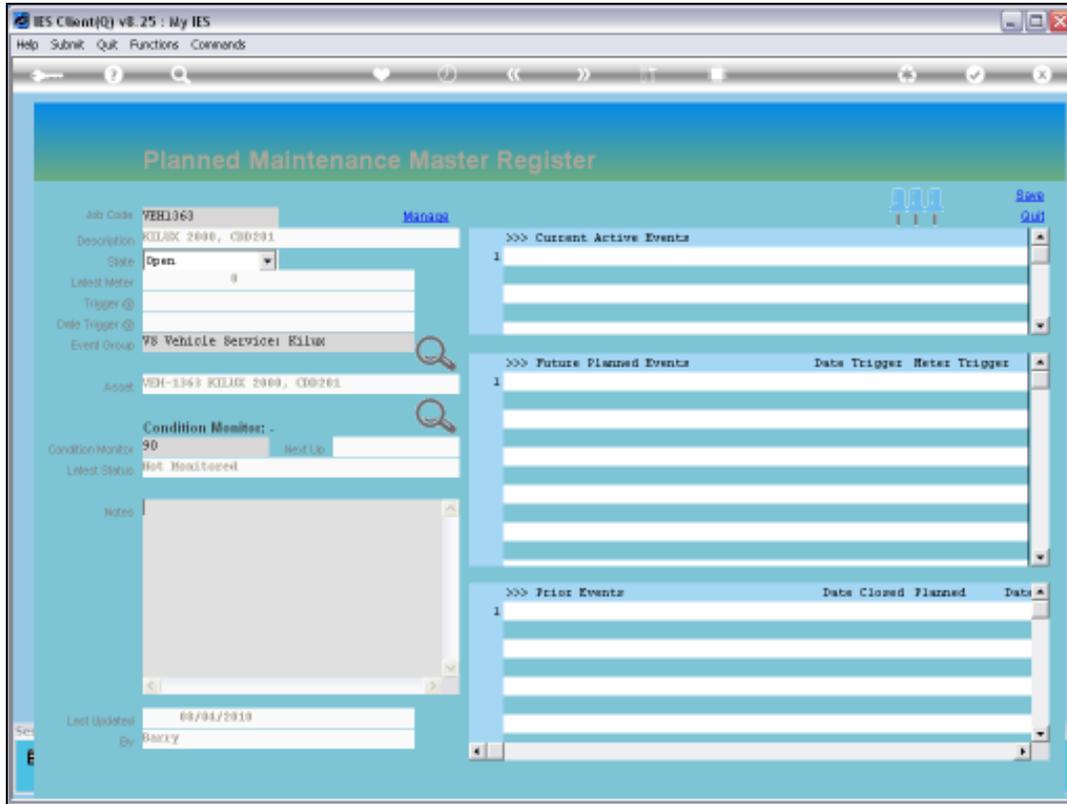
Slide 53

Slide notes: Notes are optional to use on any Maintenance Item.



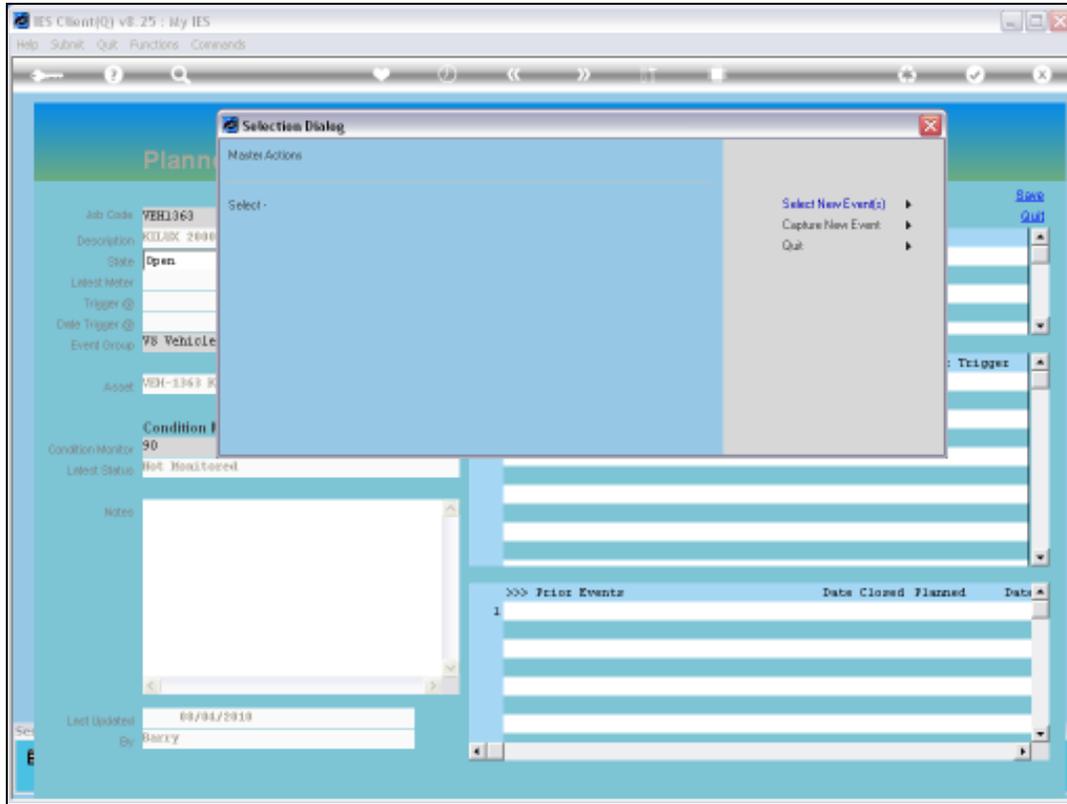
Slide 54

Slide notes:



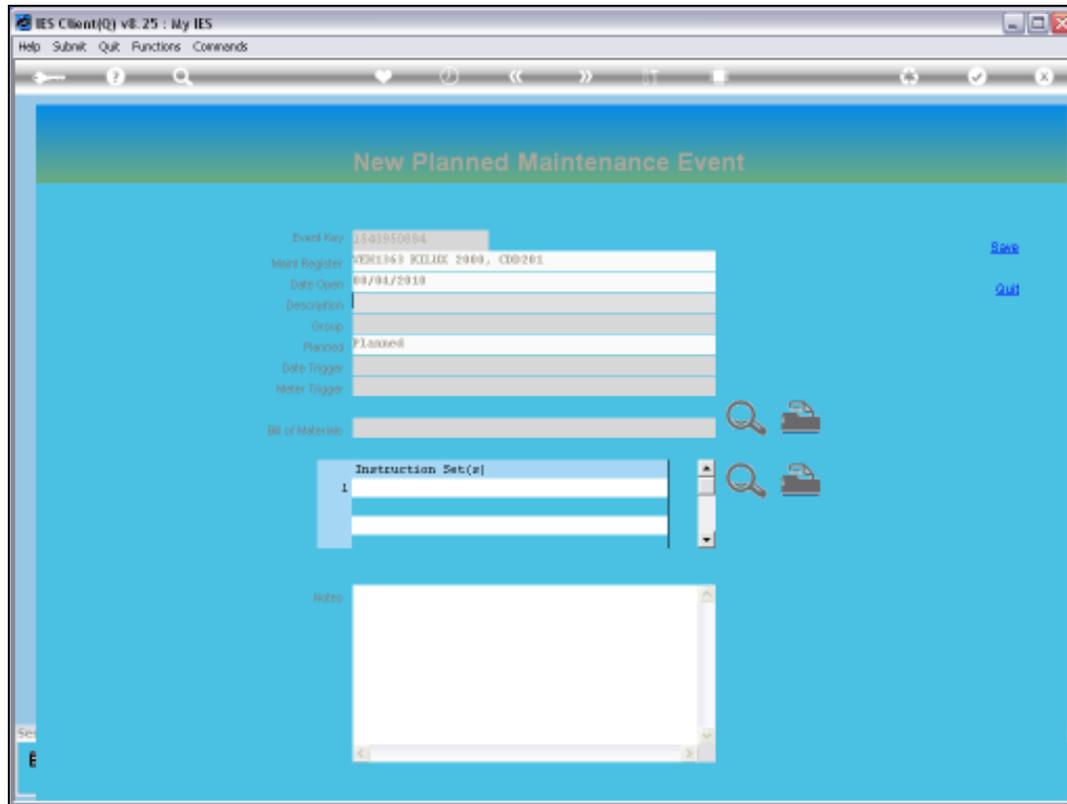
Slide 55

Slide notes: We cannot enter new Events directly at the Current, Future or Prior Event grids. We can only do it with the 'Manage' option.



Slide 56

Slide notes: And we can either capture a new Event, or we can select from the Event Templates.



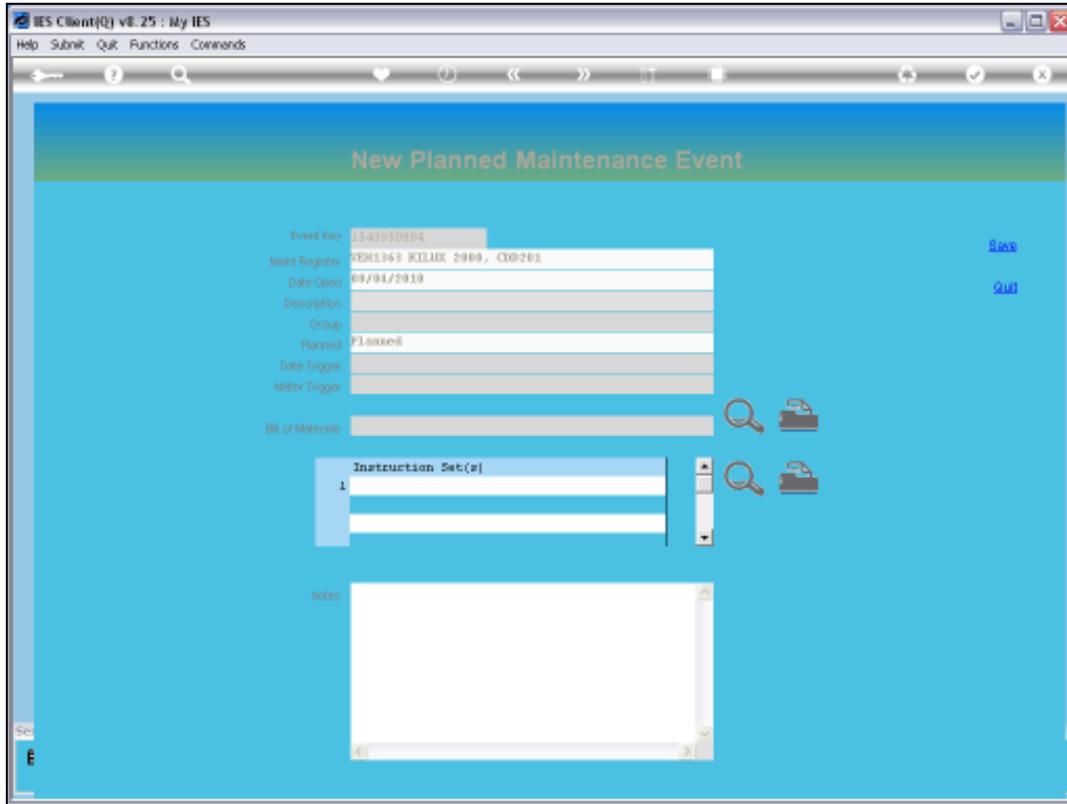
The screenshot displays the 'New Planned Maintenance Event' form within the IES Client v8.25 application. The form is set against a blue background and includes the following fields and controls:

- Event Key:** 1540950804
- Plant Register:** 0301169 KELLOGG 2000, C00201
- Date Open:** 03/04/2010
- Description:** (empty)
- Group:** (empty)
- Planned:** Planned
- Date Trigger:** (empty)
- Meter Trigger:** (empty)
- Bill of Materials:** (empty)
- Instruction Set(s):** A list containing '1'.
- Notes:** (empty text area)

Navigation buttons 'Back' and 'Quit' are visible on the right side of the form. Search and lock icons are present next to the 'Bill of Materials' and 'Instruction Set(s)' fields.

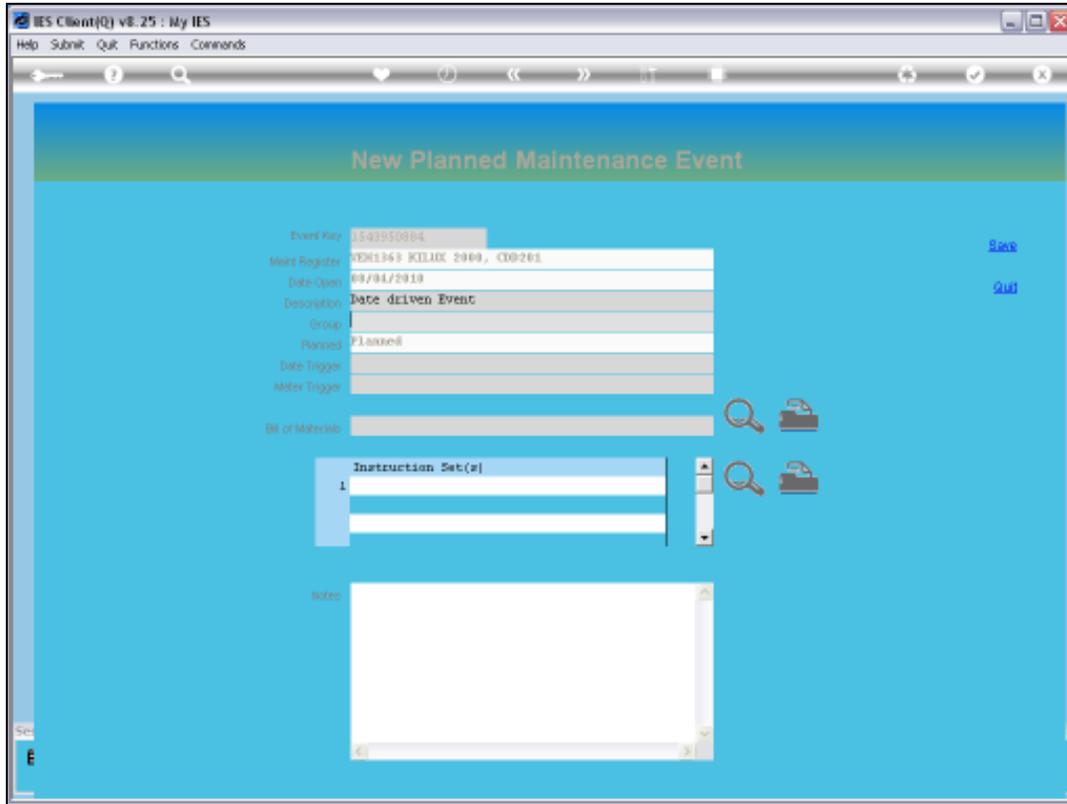
Slide 57

Slide notes: We start with an example of capturing a new Event, and in this case we will use a Date Trigger to demonstrate the effect.



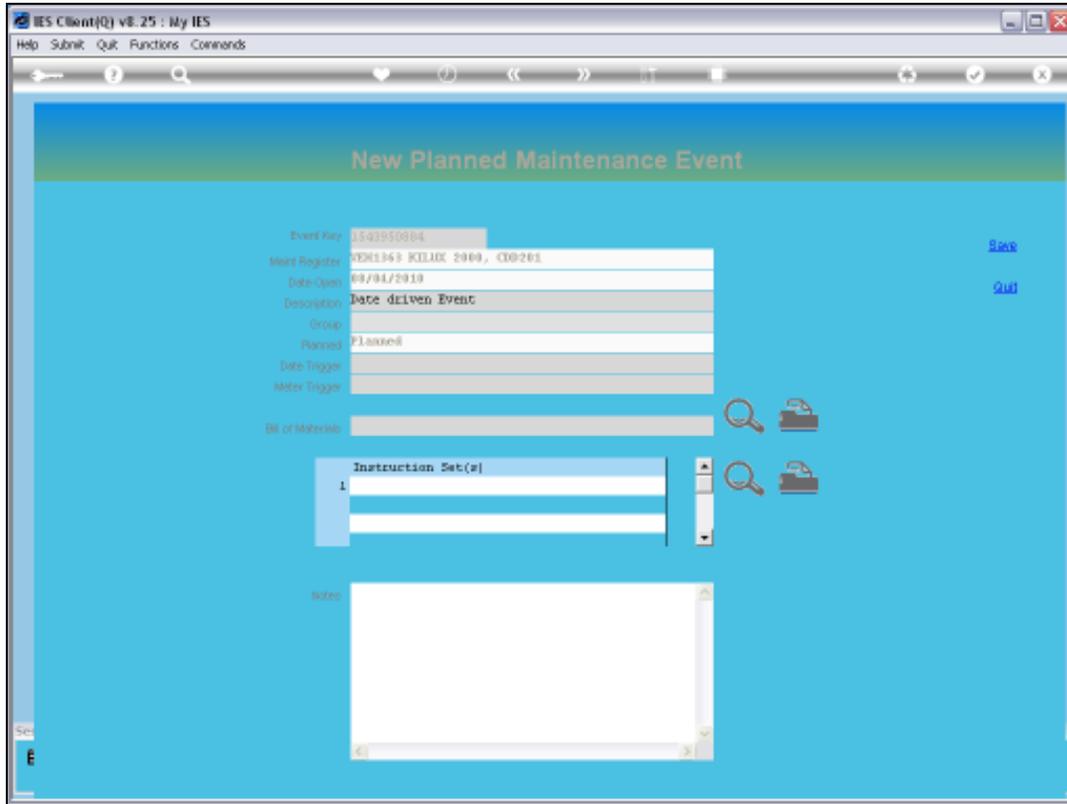
Slide 58

Slide notes:



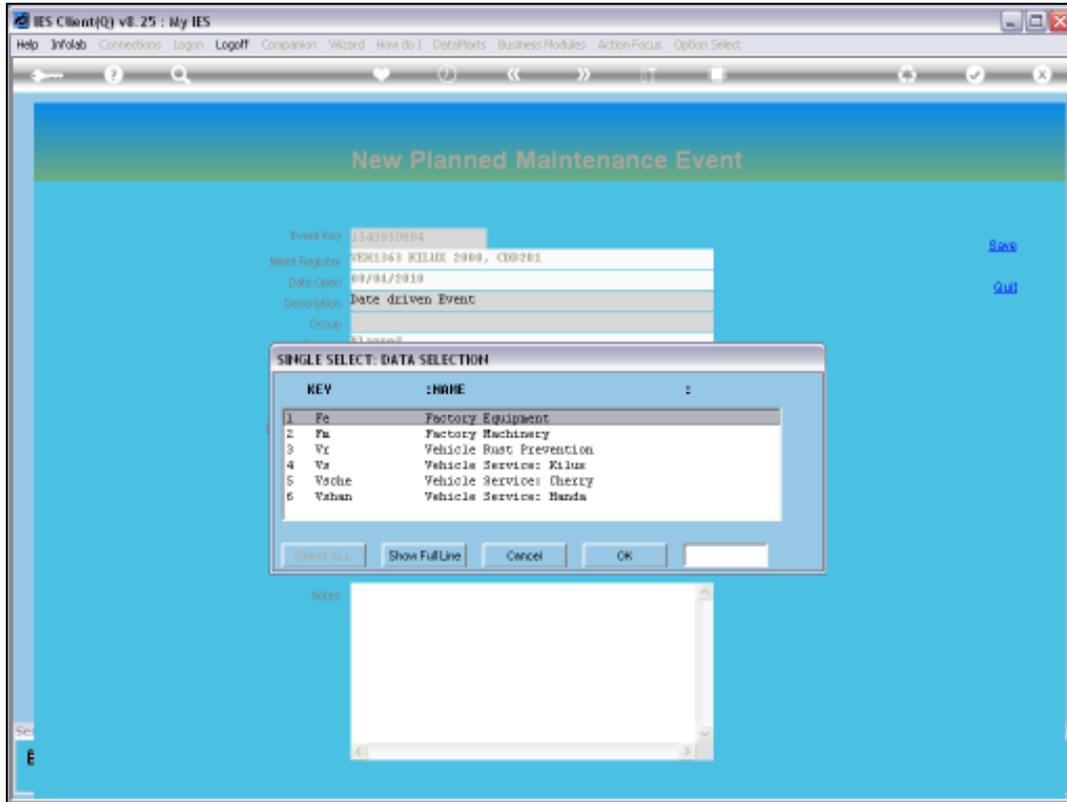
Slide 59

Slide notes:

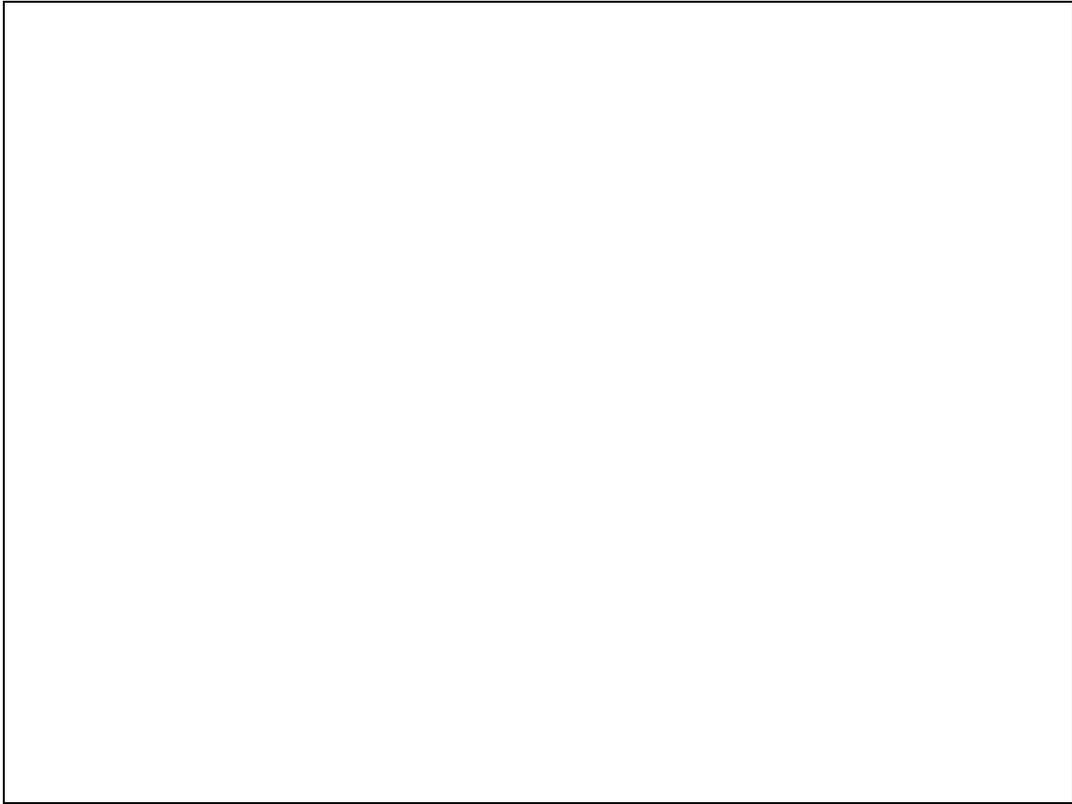


Slide 60

Slide notes:

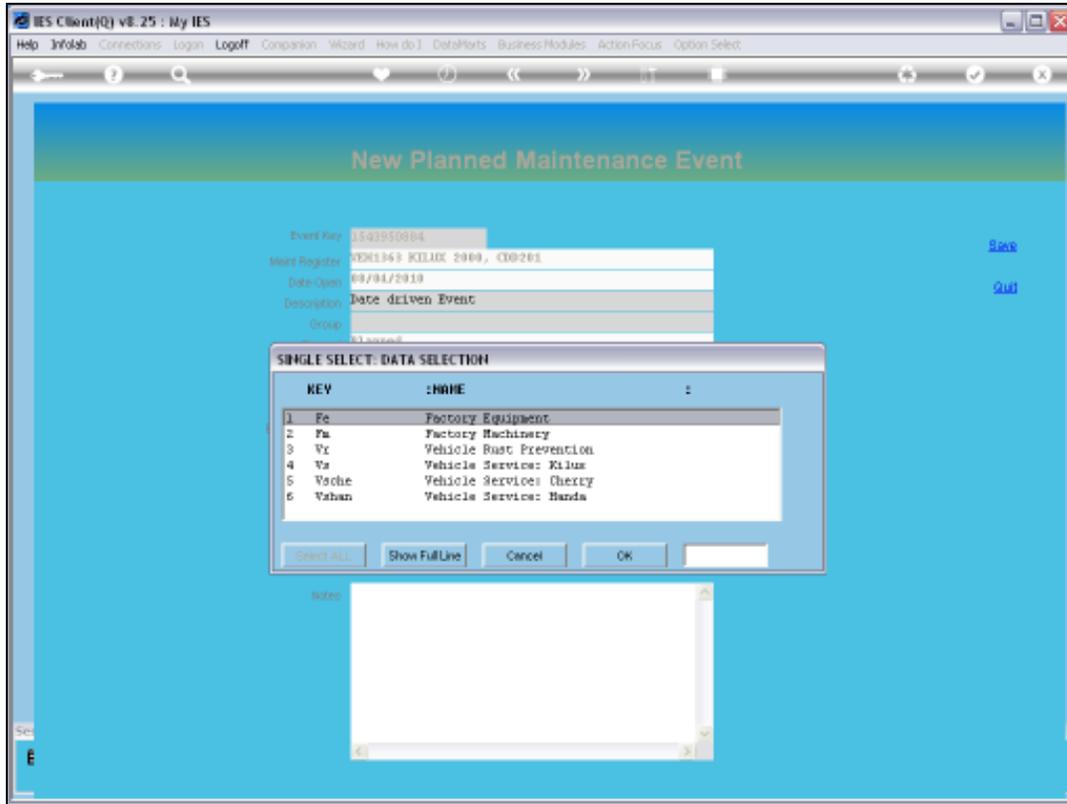


Slide 61  
Slide notes:



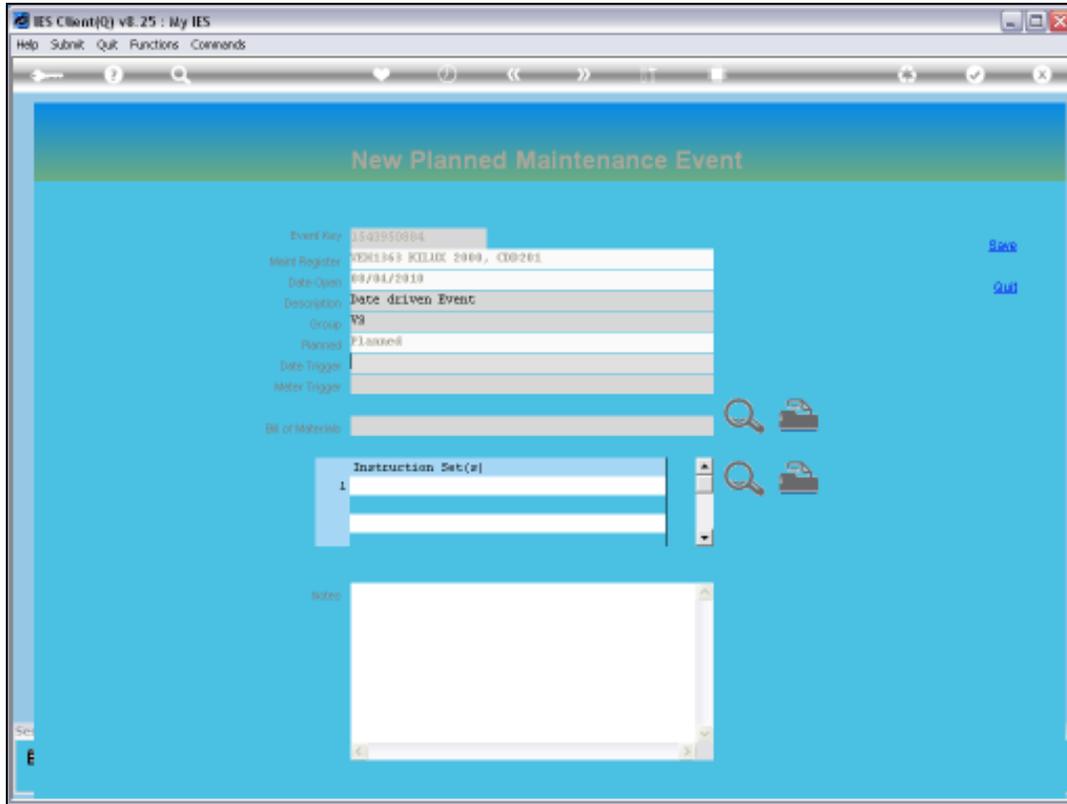
Slide 62

Slide notes:



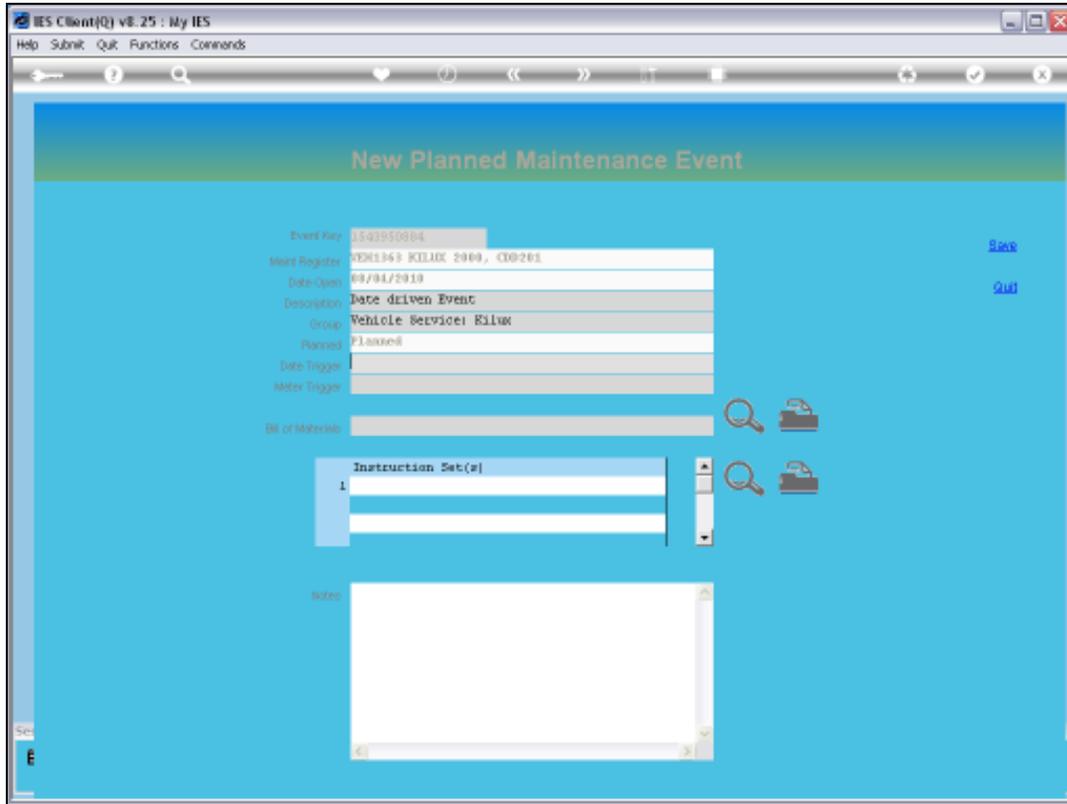
Slide 63

Slide notes:



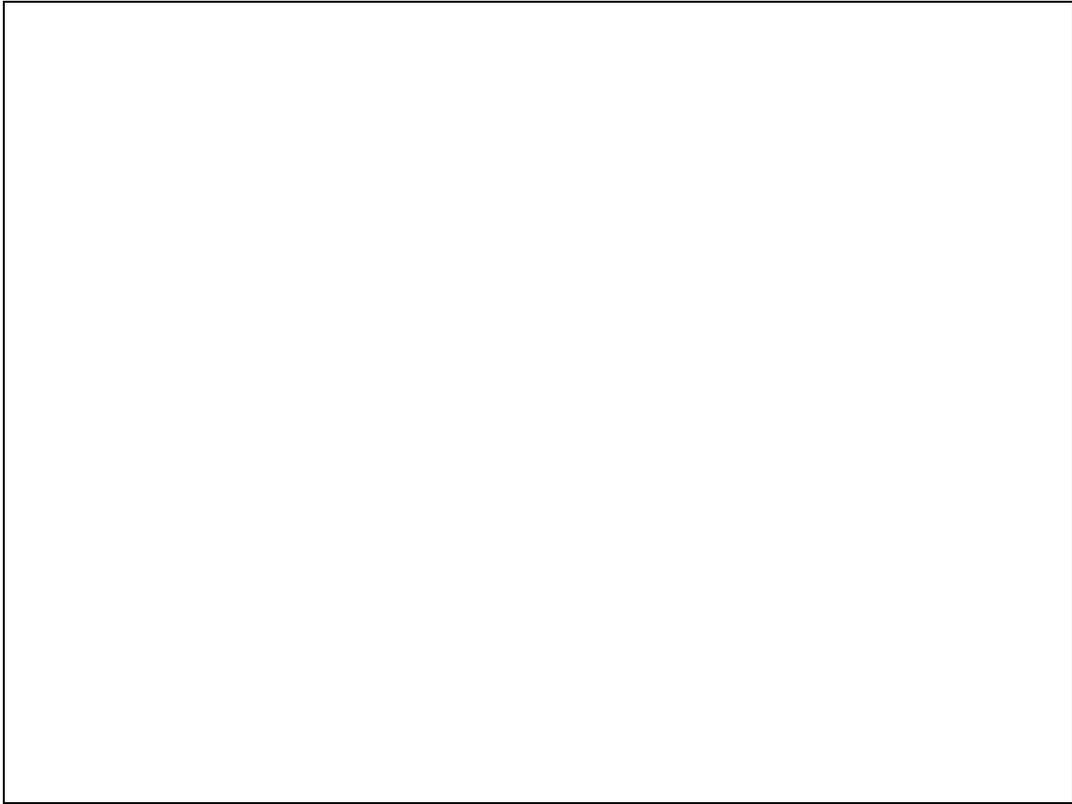
Slide 64

Slide notes:



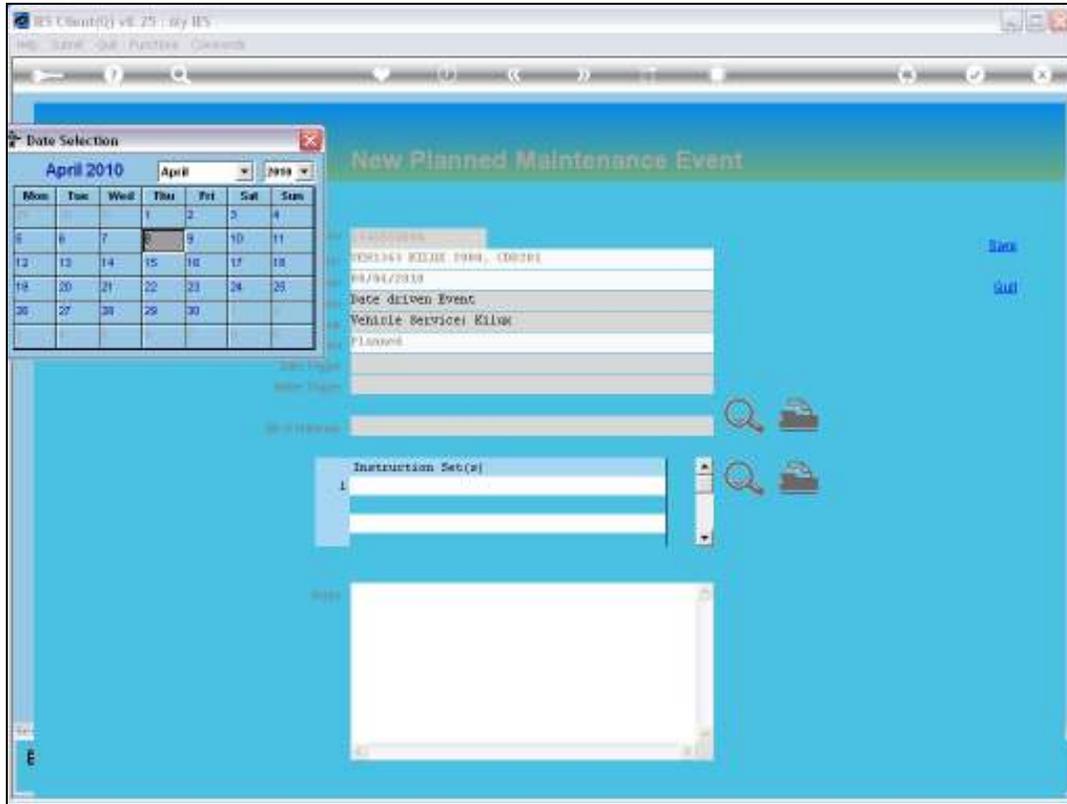
Slide 65

Slide notes:



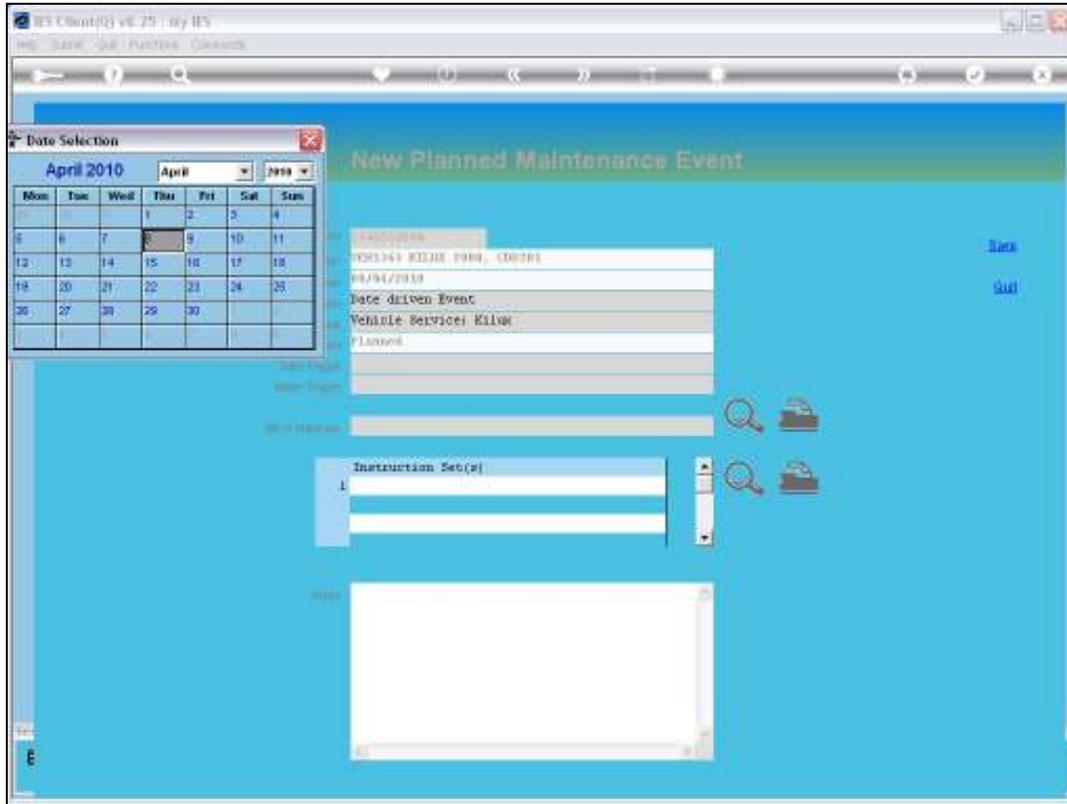
Slide 66

Slide notes:



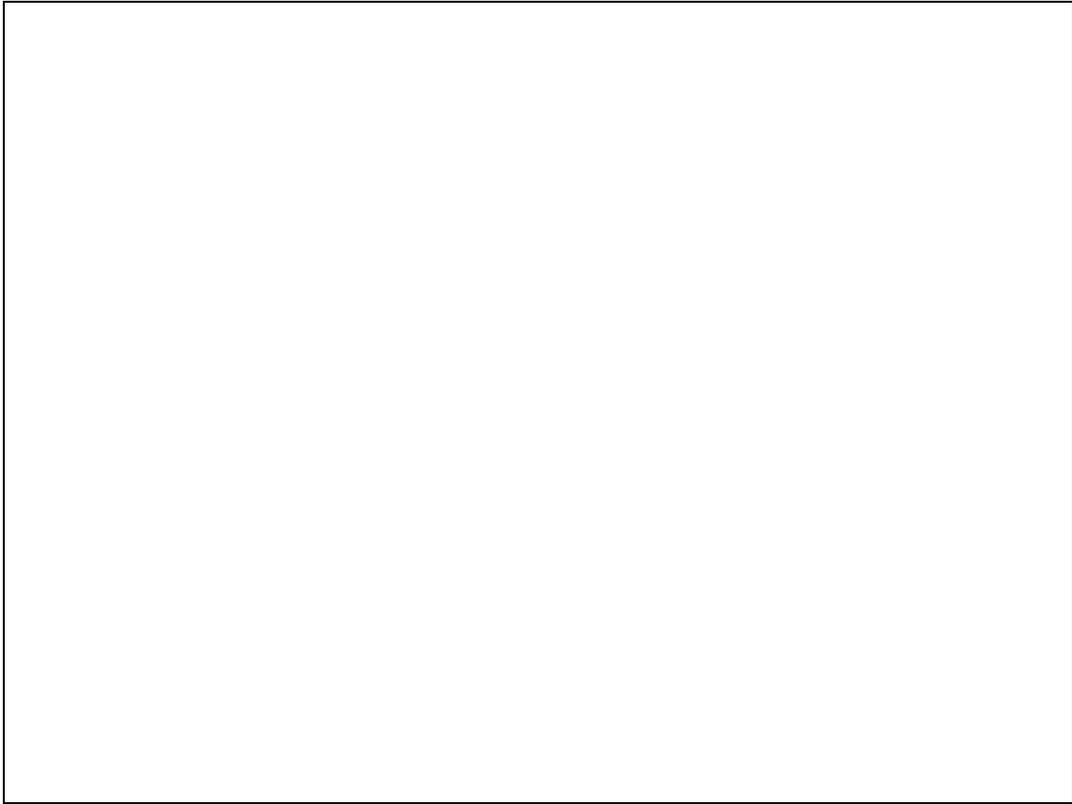
Slide 67

Slide notes:



Slide 68

Slide notes:



Slide 69

Slide notes:

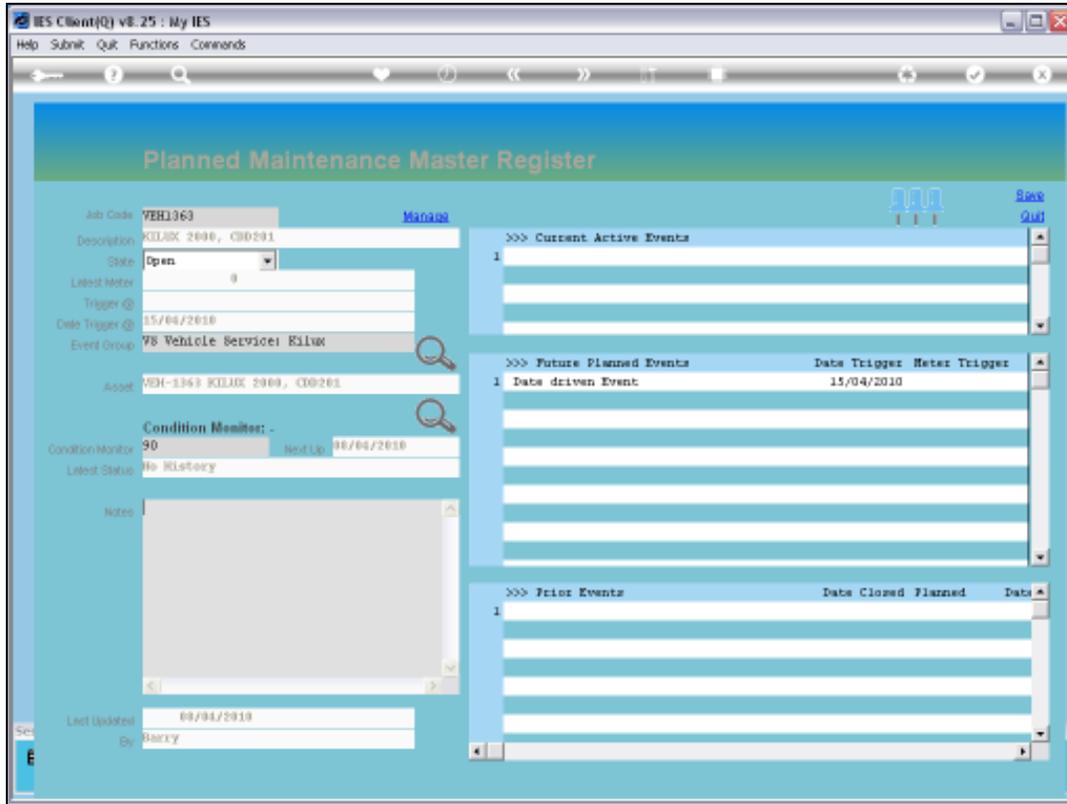
The screenshot shows a web browser window titled 'IES Client v8.25 : My IES'. The browser address bar is empty. The main content area has a blue background with a green header bar that reads 'New Planned Maintenance Event'. Below the header, there is a form with the following fields:

Event Key	1540950804	<a href="#">Back</a>
Plant Register	93261349 KILJIE 2000, C00201	
Date Open	03/04/2010	<a href="#">Quit</a>
Description	Date driven Event	
Group	Vehicle Service: EILW	
Planned	Planned	
Date Trigger	15/04/2010	
Meter Trigger		
Bill of Materials		 
Instruction Set(s)	1	 
Notes		

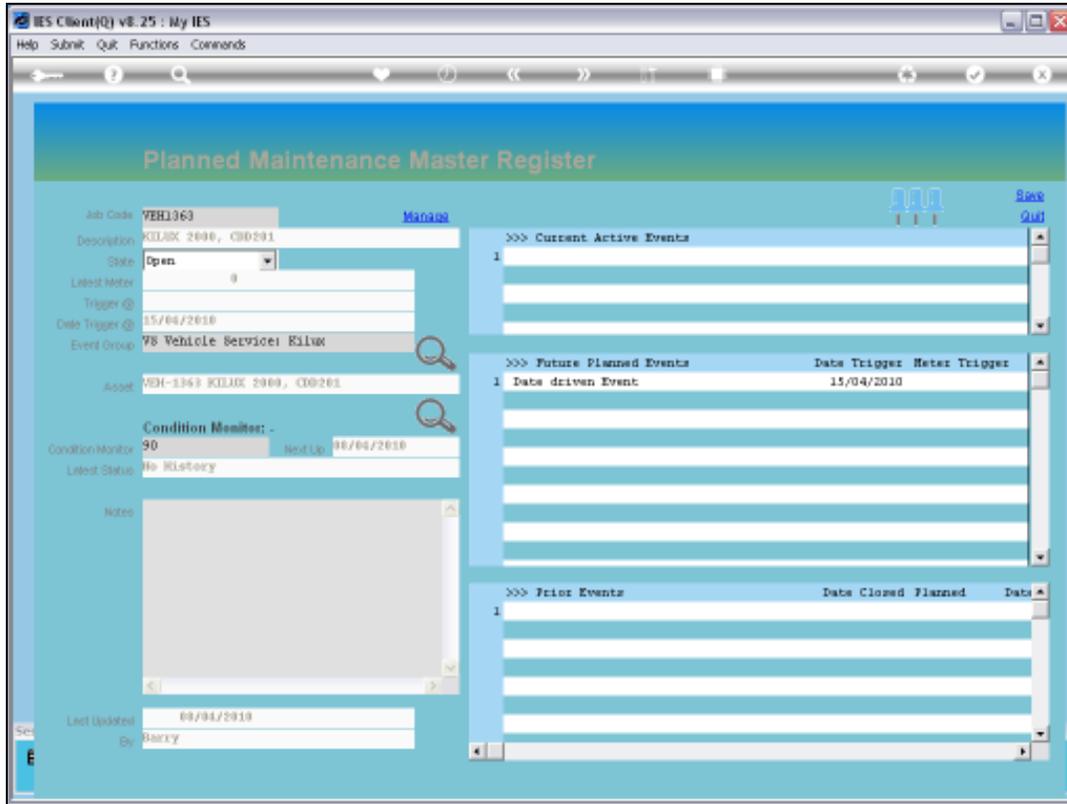
At the bottom left of the form, there is a 'Save' button.

### Slide 70

Slide notes: We can also include a Bill of Materials and some Instructions at this stage, but it is not essential to do so. In fact, it can also be done later or not at all. So now we can save this Event.

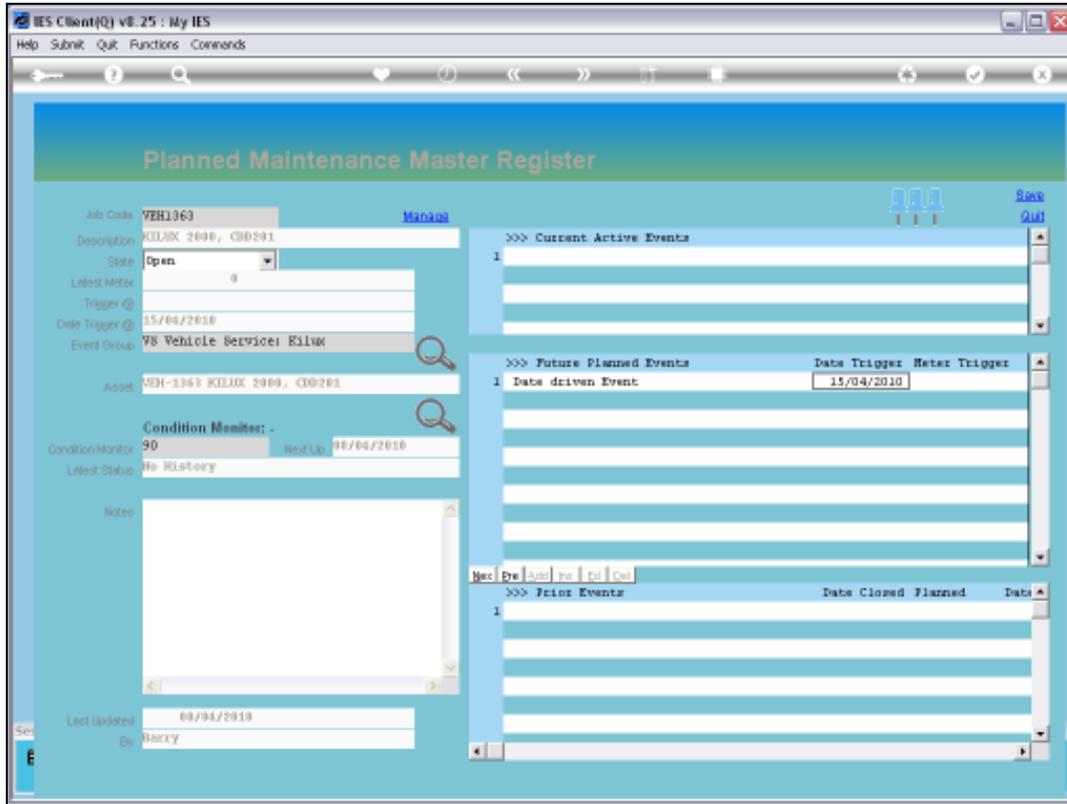


Slide 71  
Slide notes:



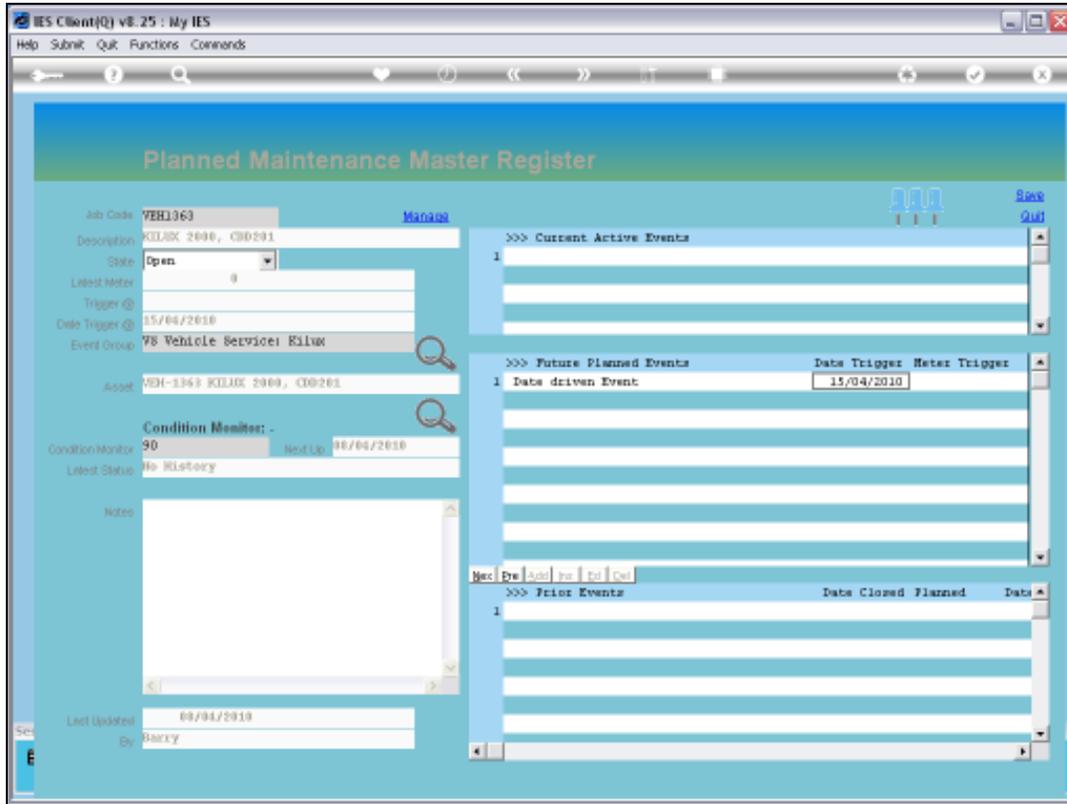
Slide 72

Slide notes: Note that the Event immediately appears at Future Events.



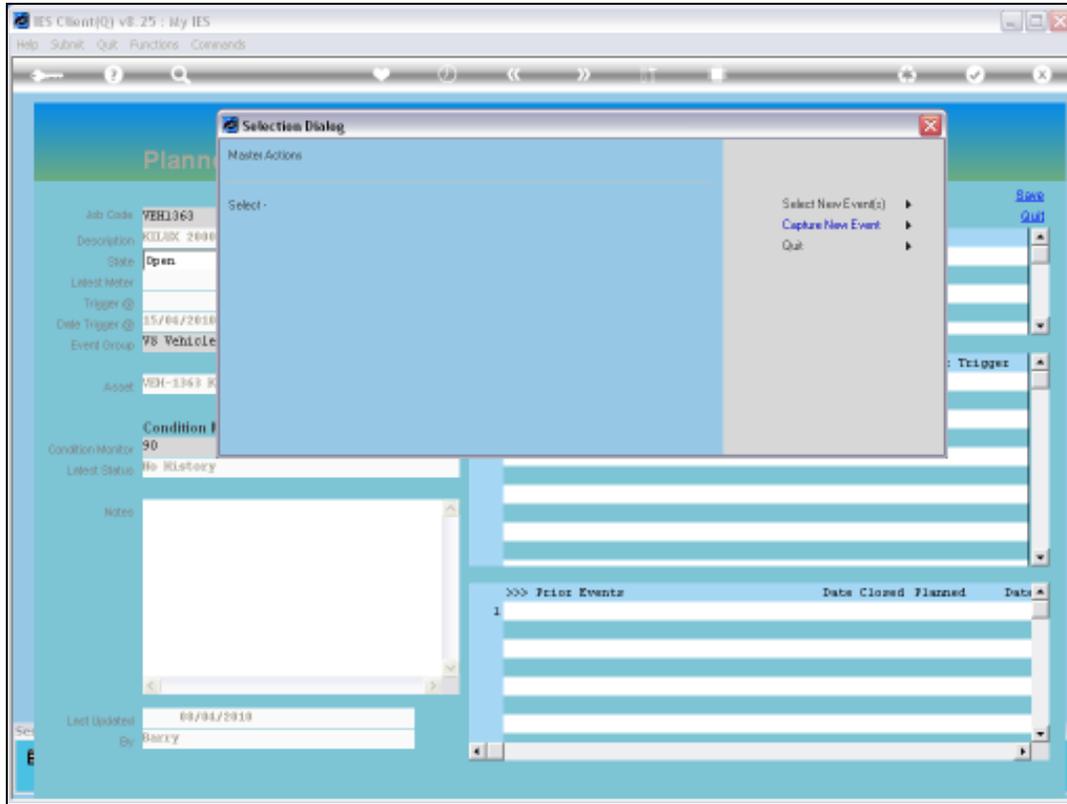
Slide 73

Slide notes: And all of a sudden, the Master Item also displays the earliest Date Trigger among all Events for this Maintenance Master Item. When we load some other Events, the same thing is going to happen with the Meter Trigger.



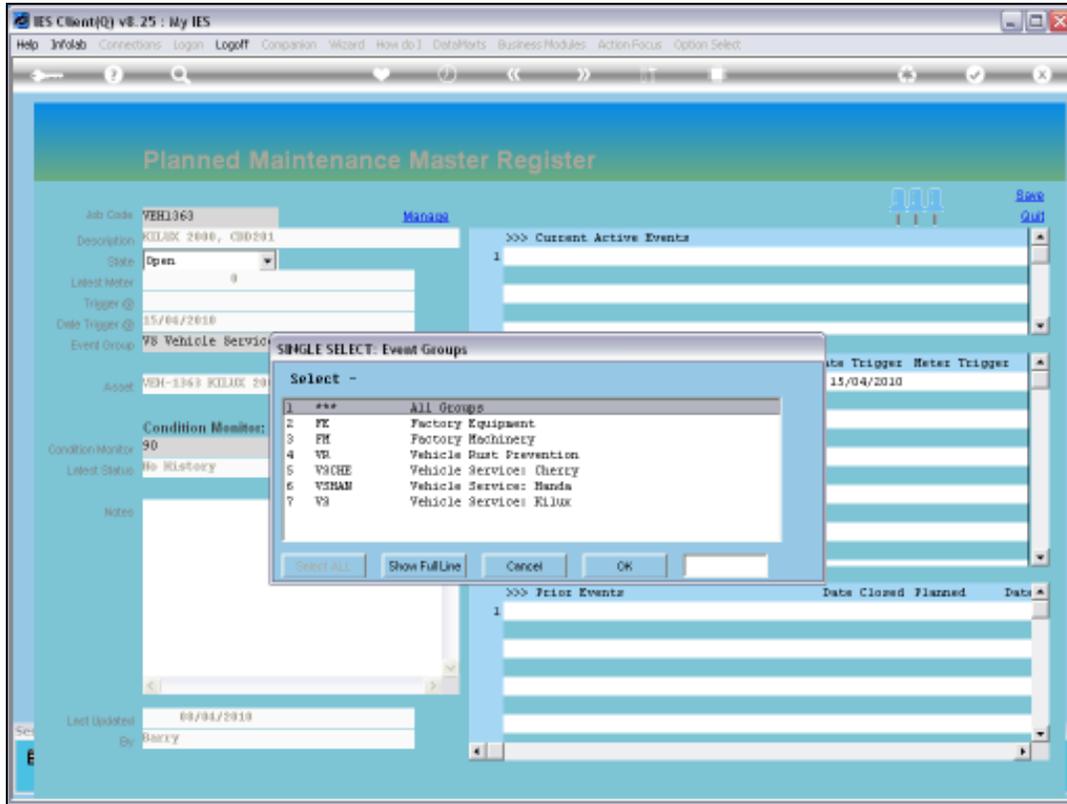
Slide 74

Slide notes:



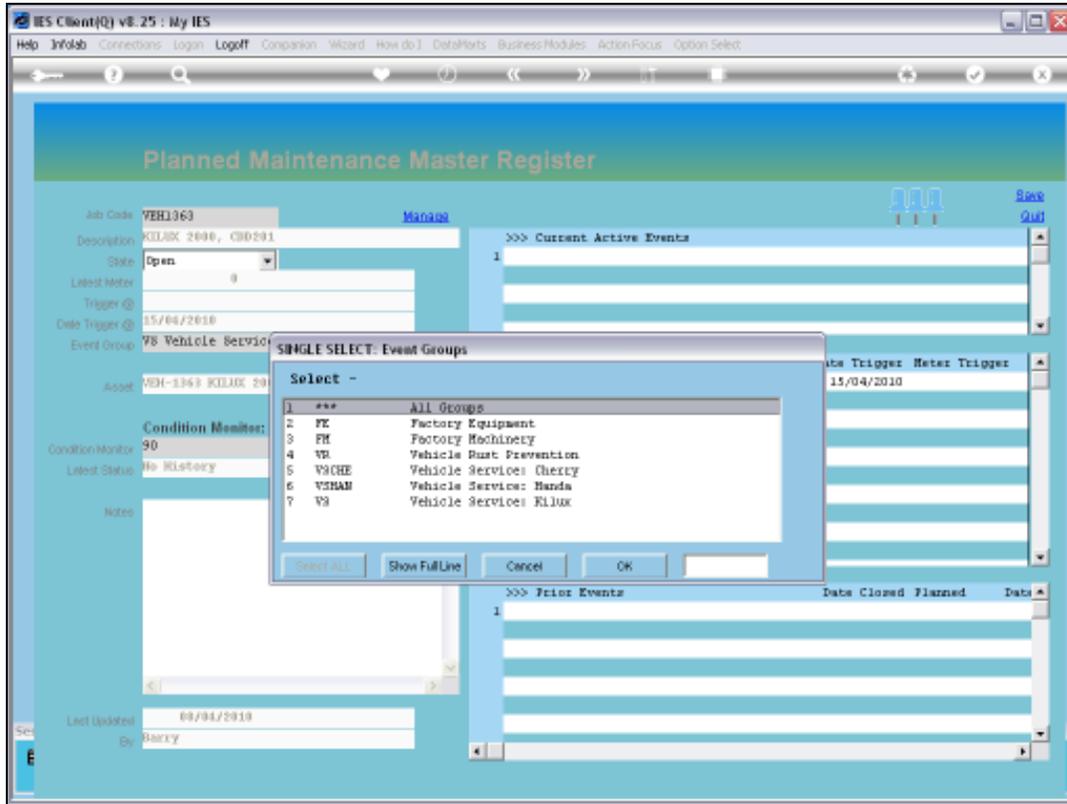
Slide 75

Slide notes: Now we will use the selection method. This is a very productive way of setting up the Events for a new Maintenance Item, because we can easily select all the Future Events from the Templates.



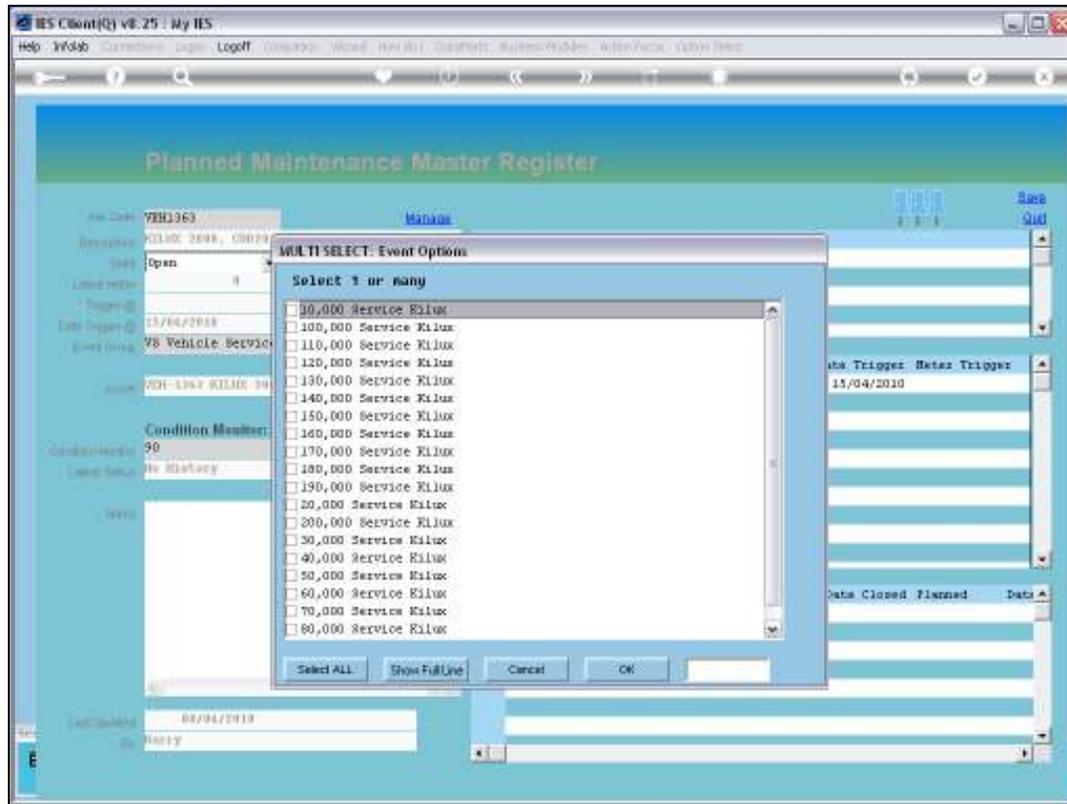
Slide 76

Slide notes:



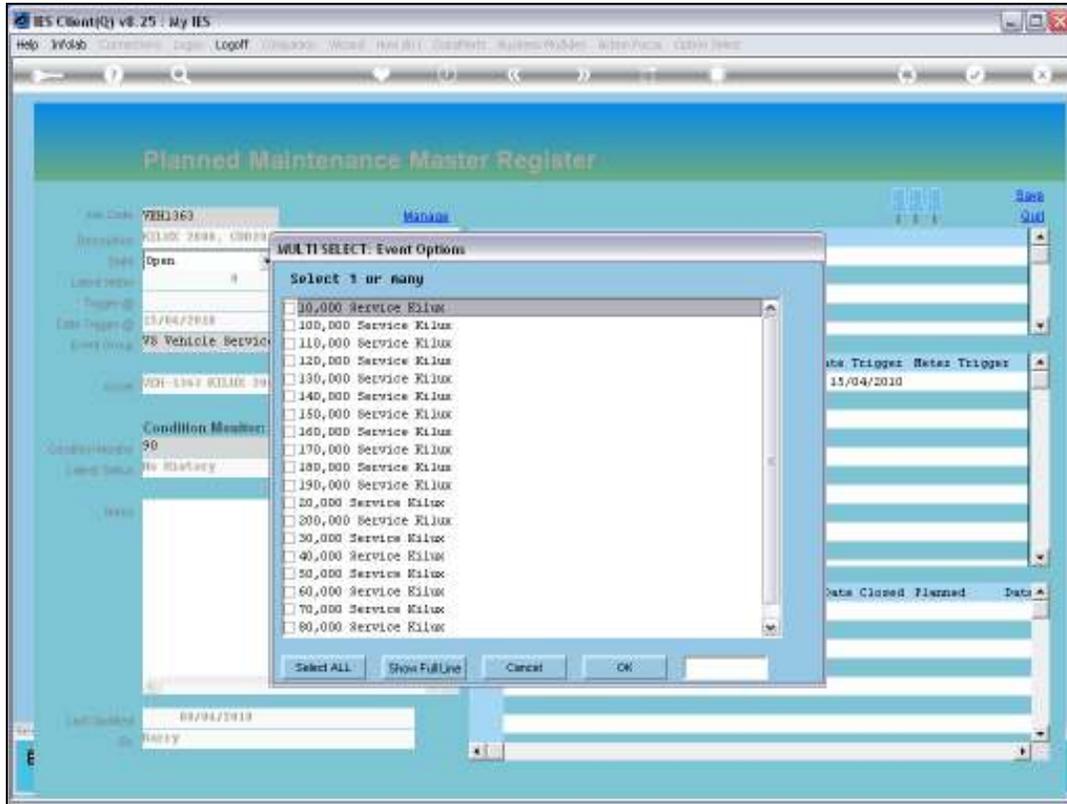
Slide 77

Slide notes: So we select the group that includes the Maintenance Events for servicing this kind of Item, in this case a Vehicle of type "Kilux".



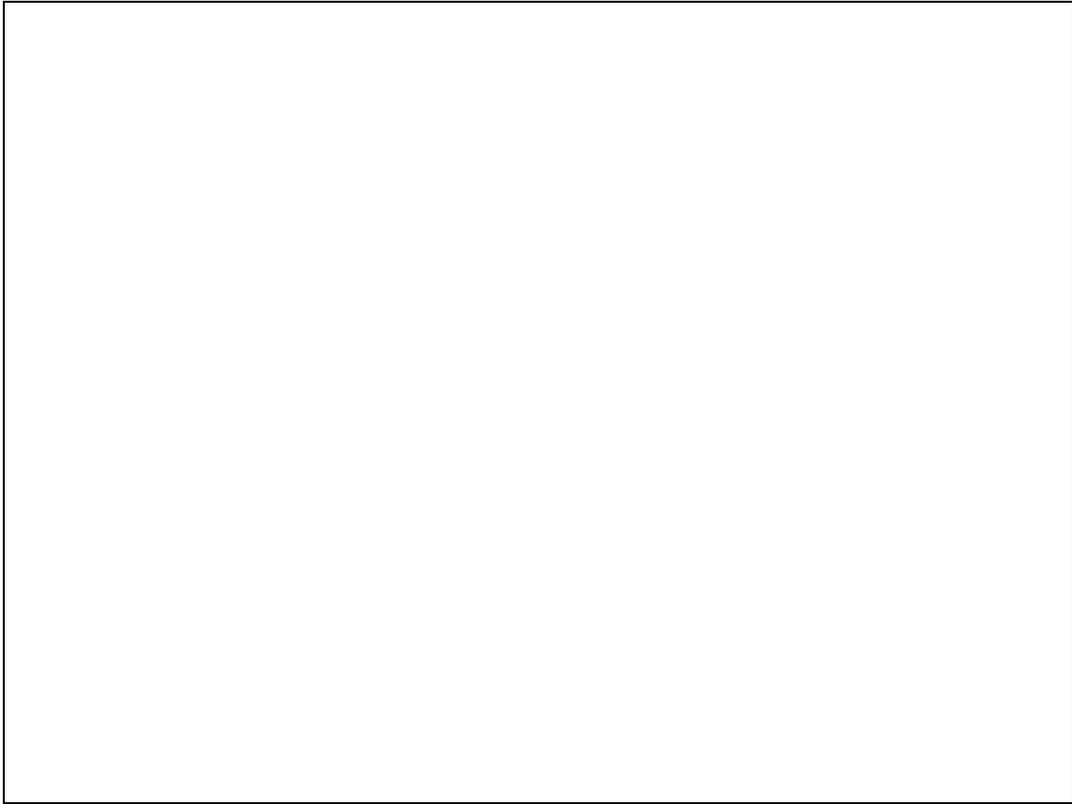
### Slide 78

Slide notes: All the expected Service Events for this Item type are listed, and although we can pick and choose only some of the events, it is likely that we can simply select all.



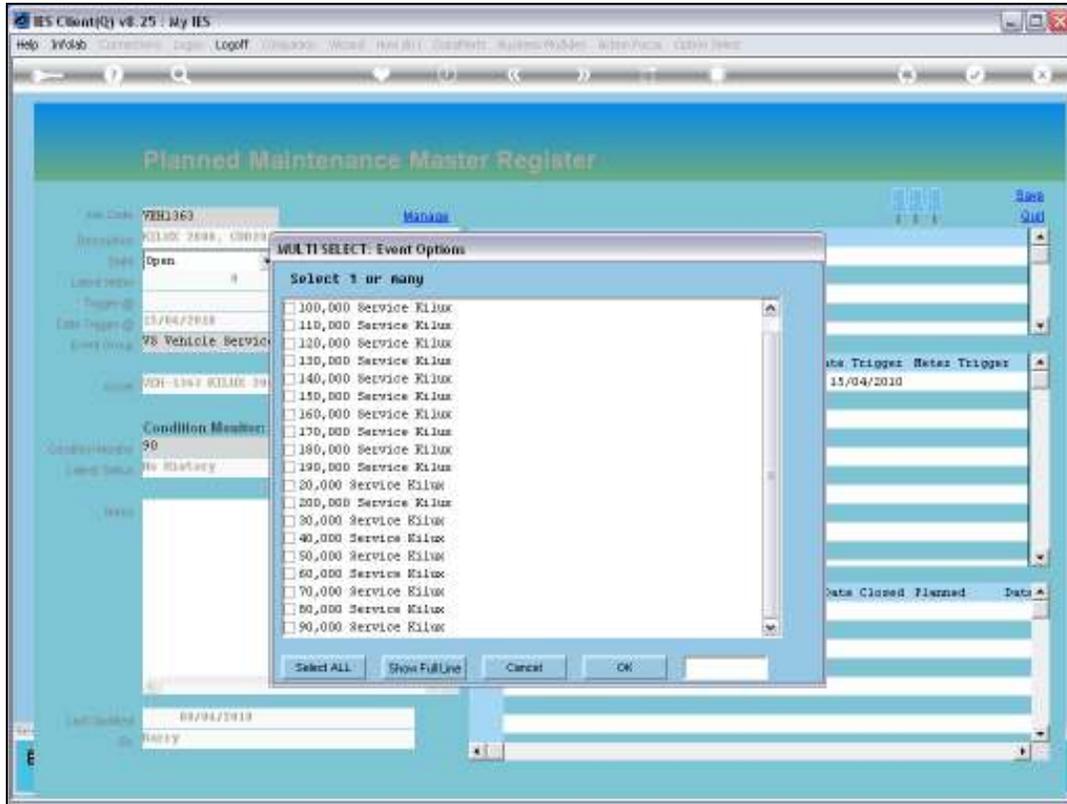
Slide 79

Slide notes:

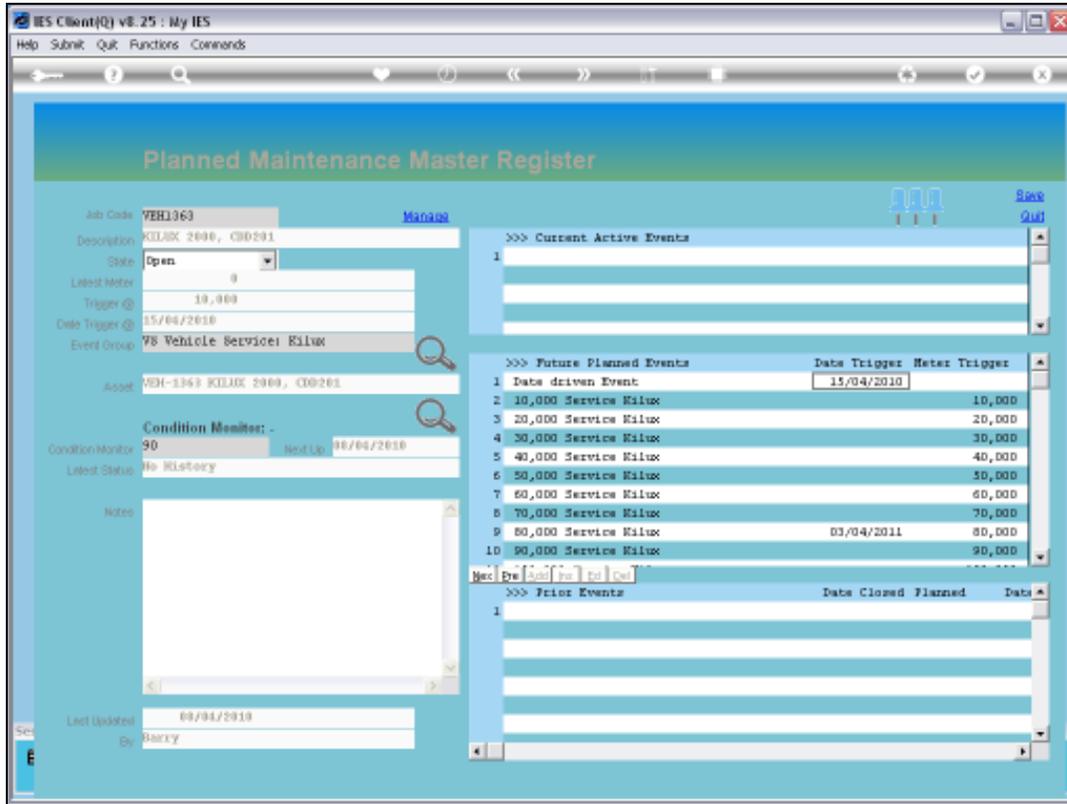


Slide 80

Slide notes:

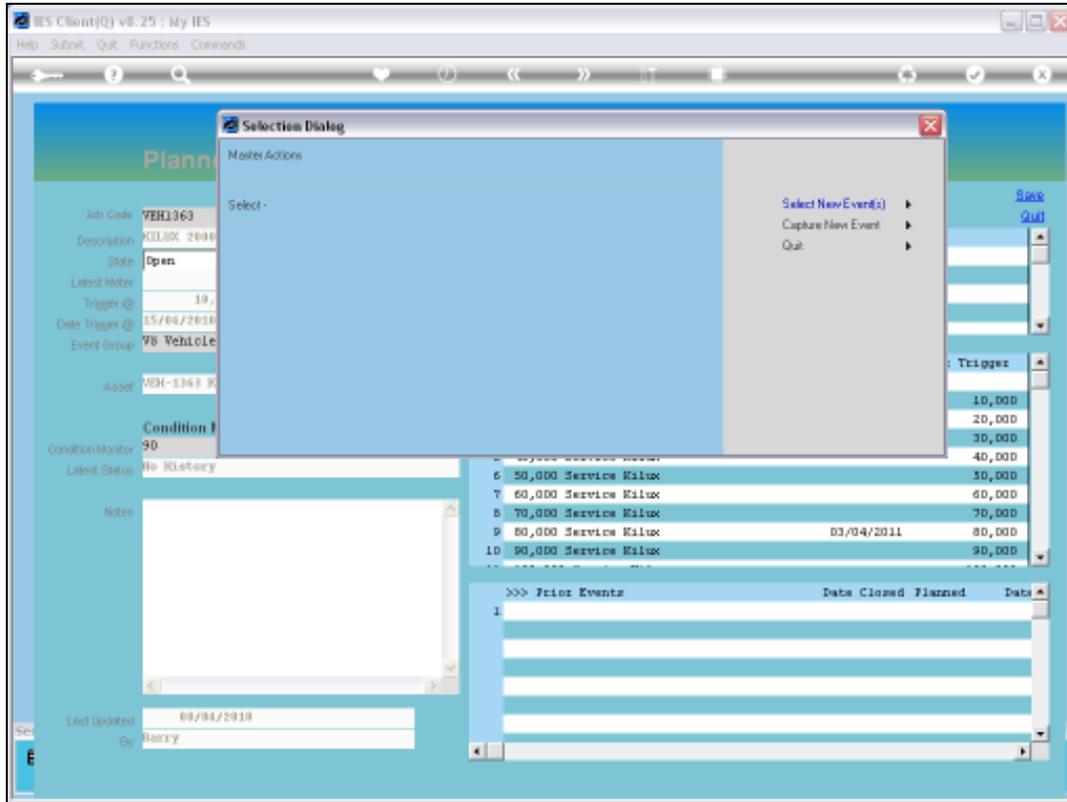


Slide 81  
Slide notes:



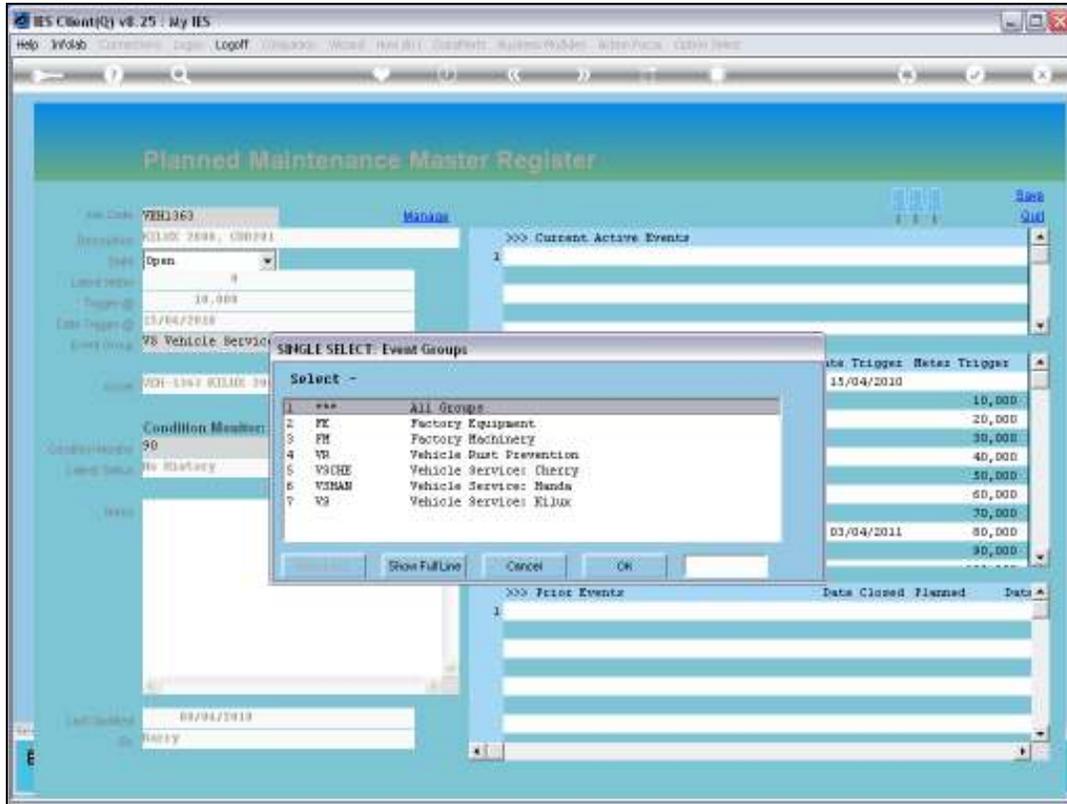
Slide 82

Slide notes: So now all the expected service driven events for a lifetime for this Vehicle have been included.

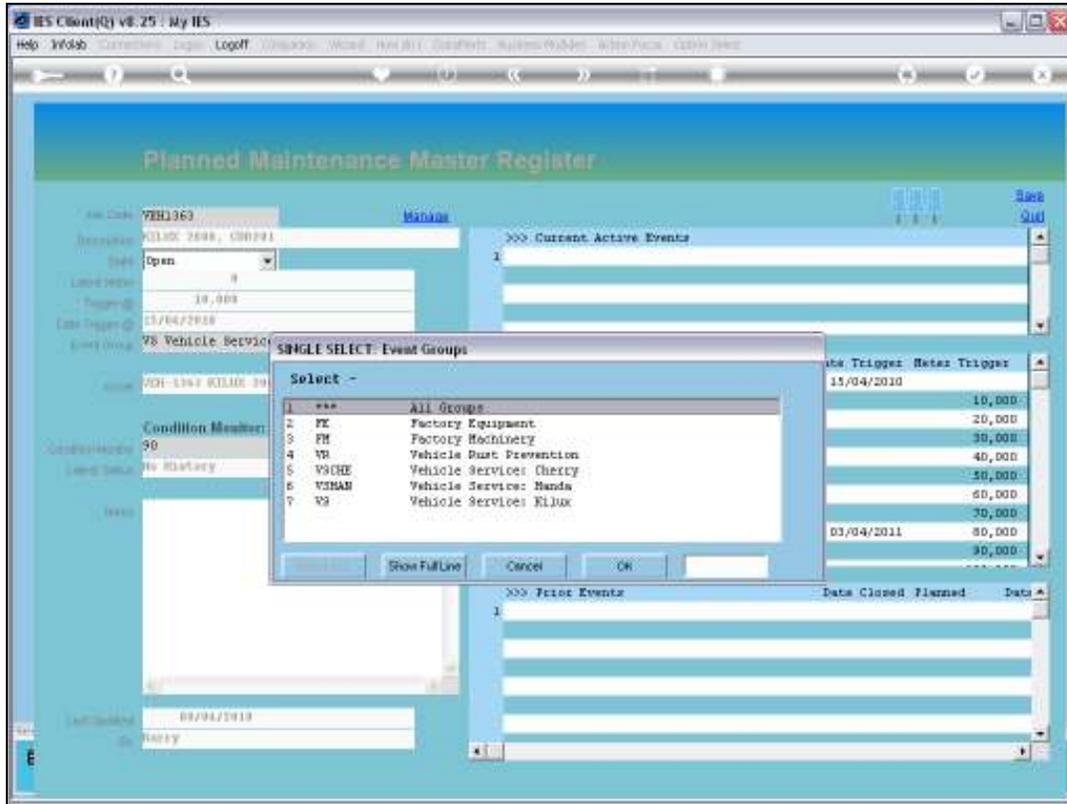


Slide 83

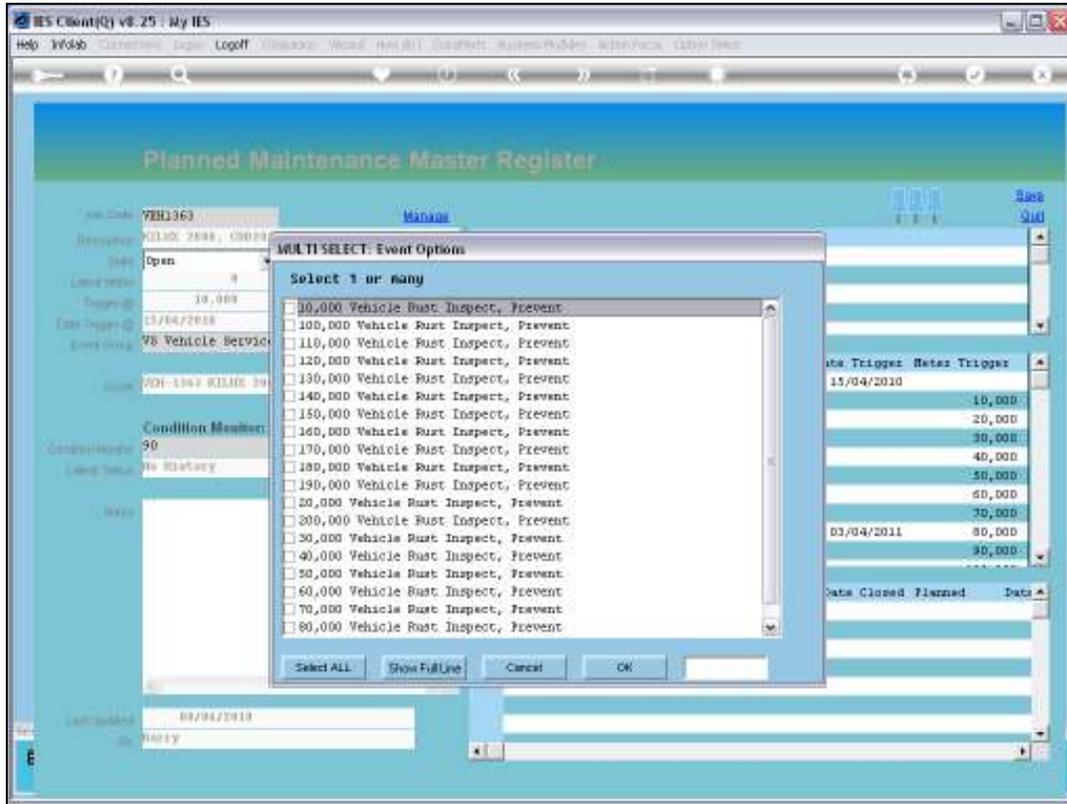
Slide notes: And we will also include all the Rust inspection and treatment events.



Slide 84  
Slide notes:

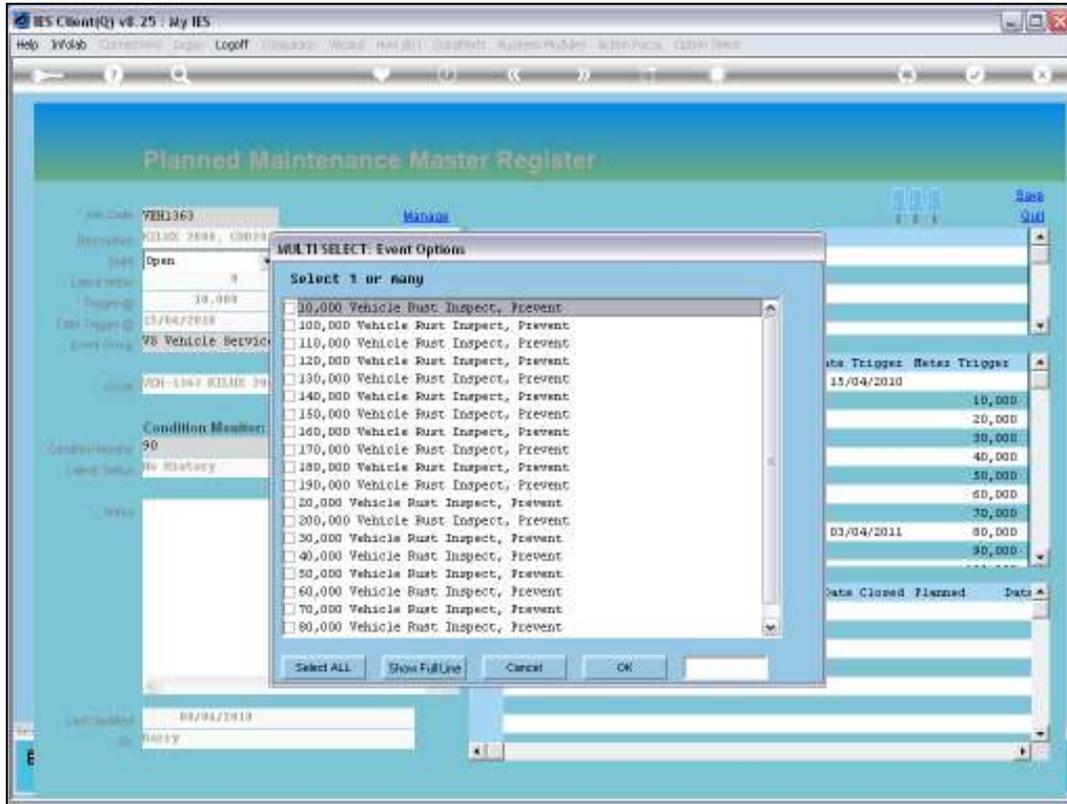


Slide 85  
Slide notes:



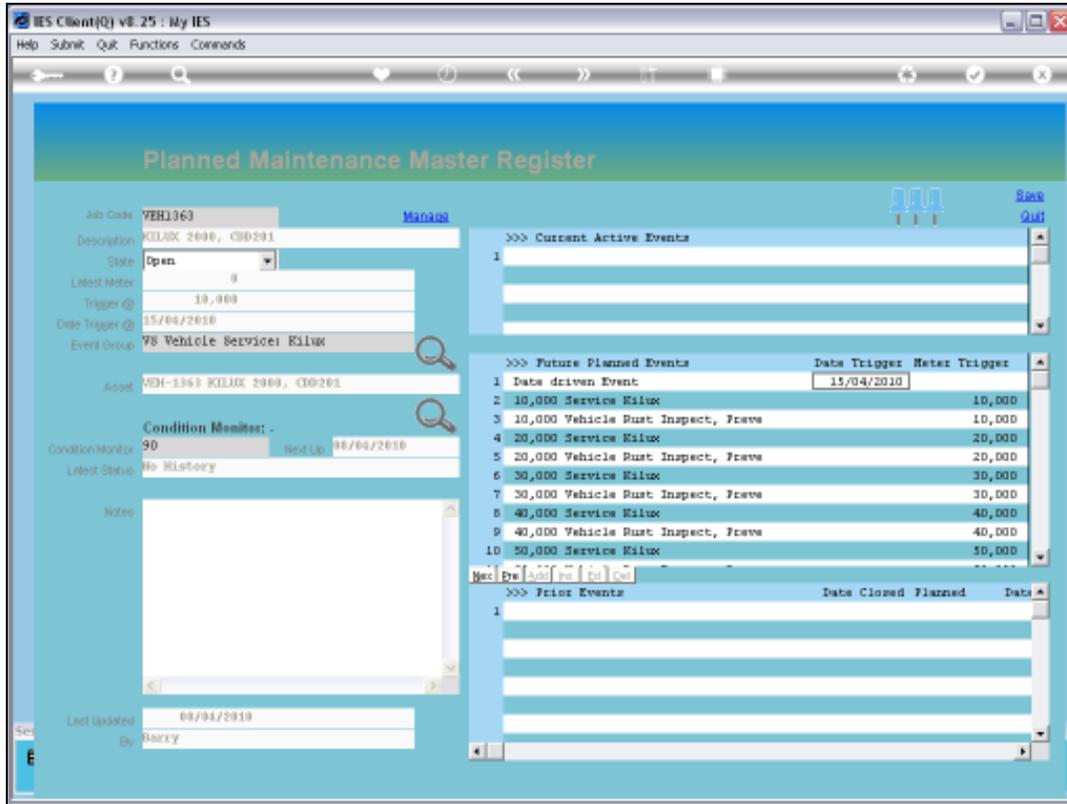
Slide 86

Slide notes:



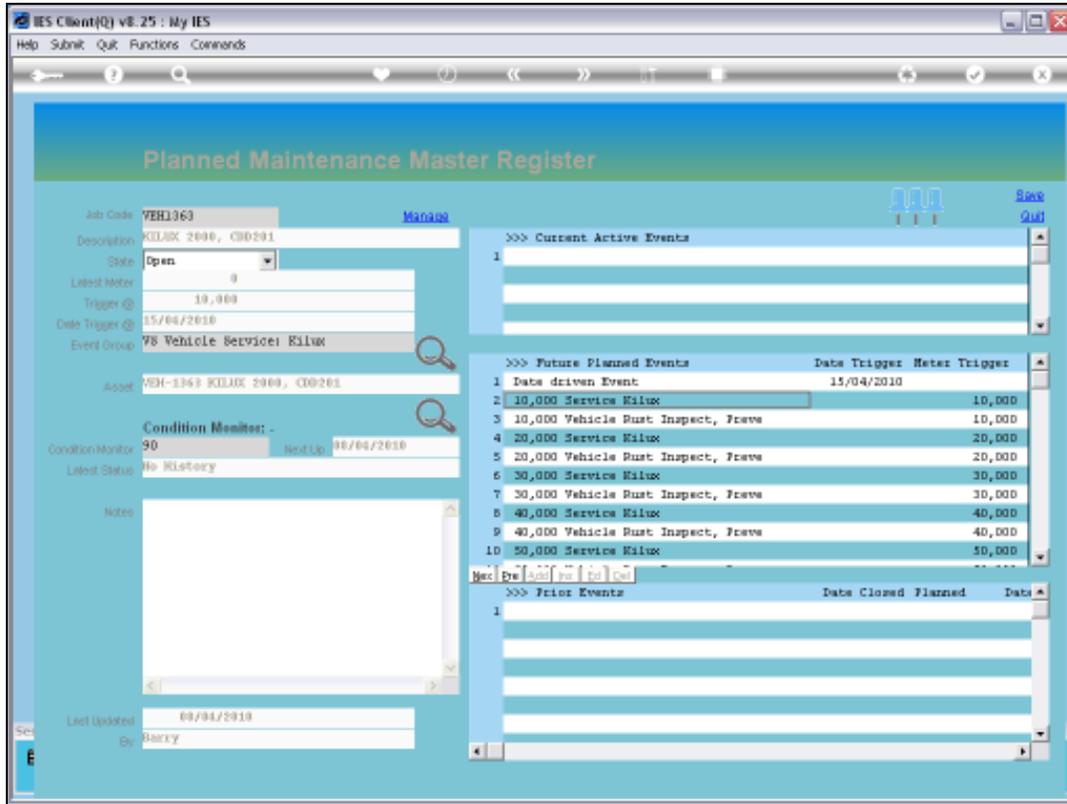
Slide 87

Slide notes:



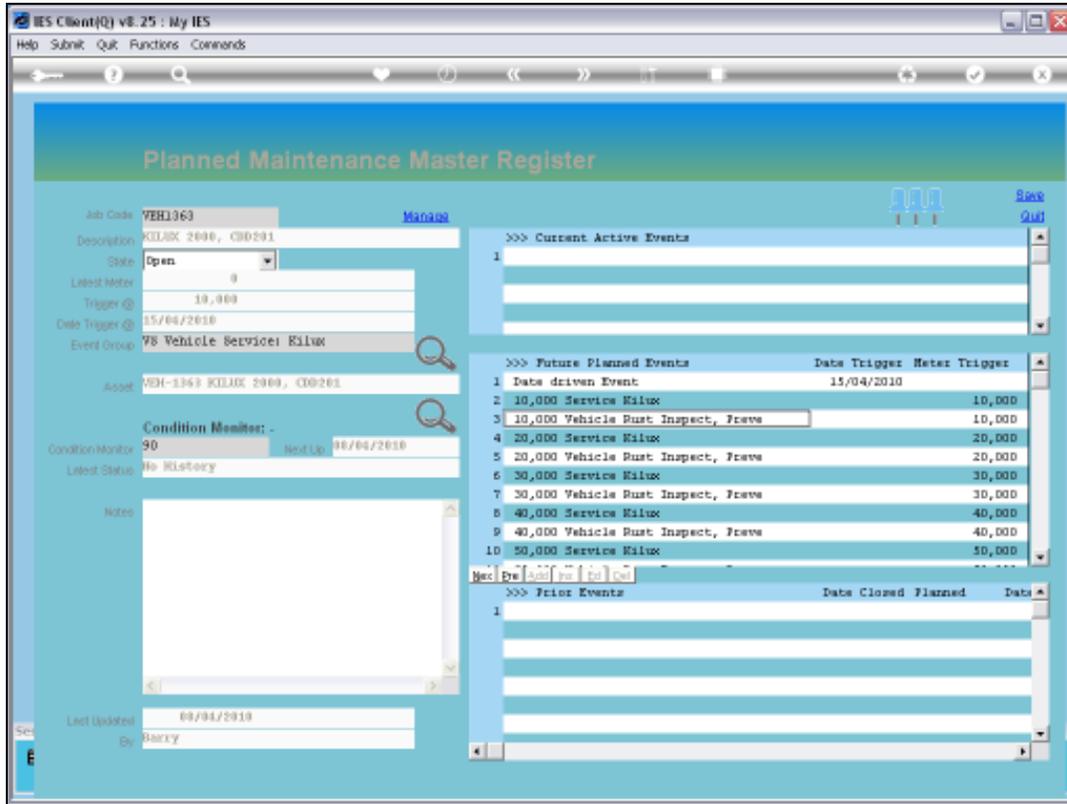
Slide 88

Slide notes: Notice how the system automatically sorts all the Future Events in sequence of expected triggering, i.e. by date and meter.



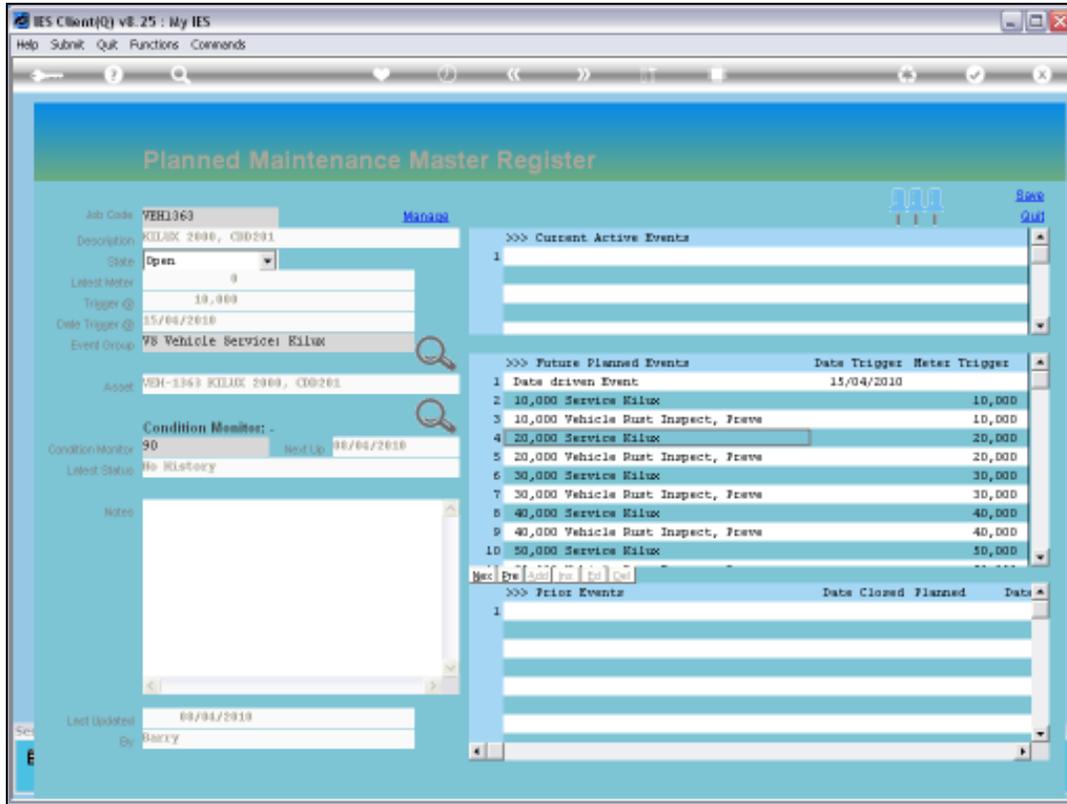
Slide 89

Slide notes: The 1st expected Meter trigger will be at 10,000.

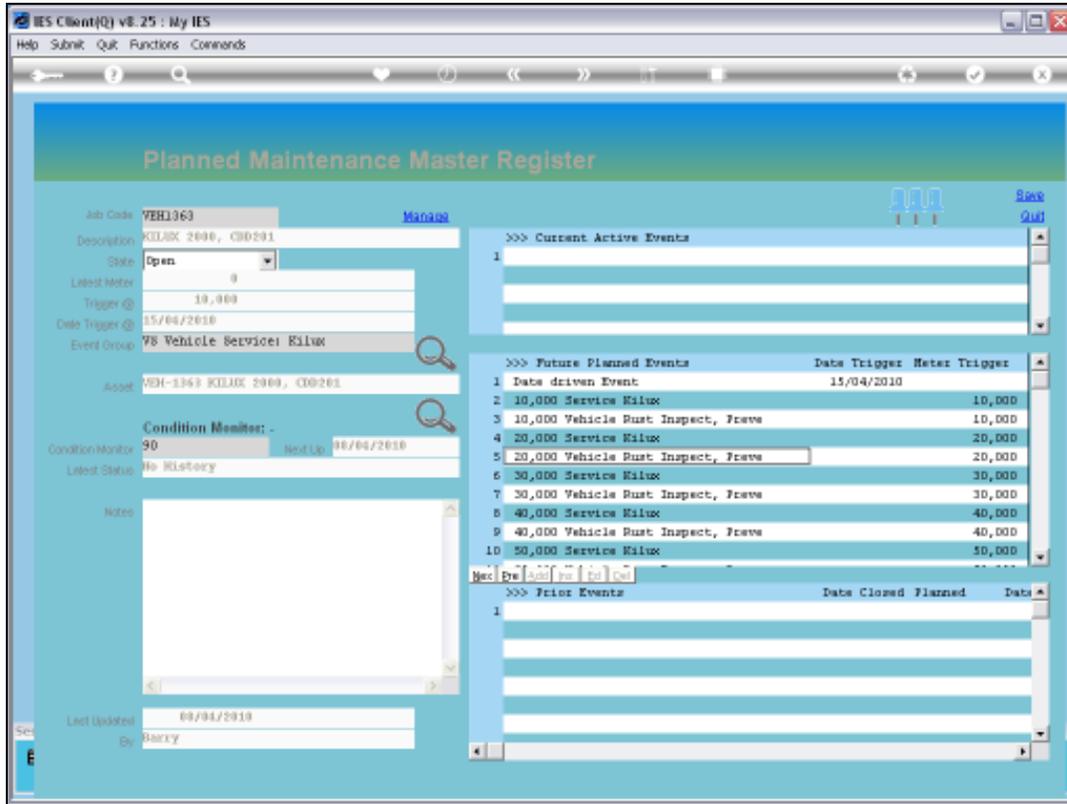


Slide 90

Slide notes:

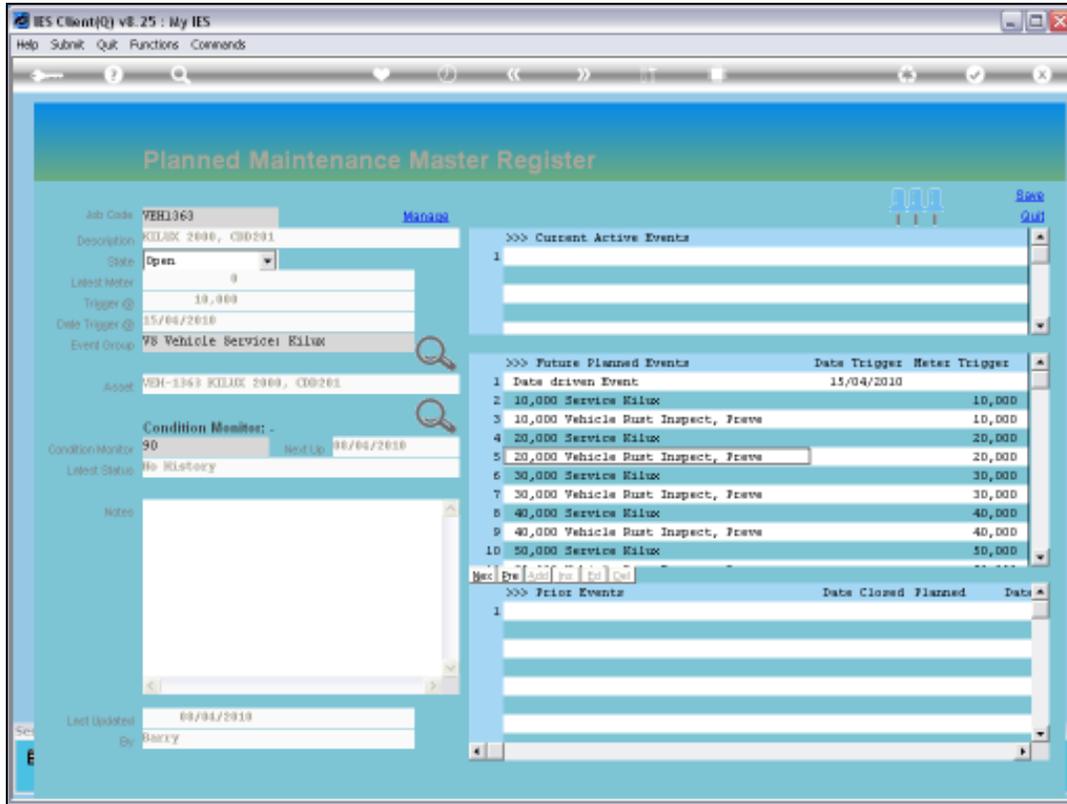


Slide 91  
Slide notes:



Slide 92

Slide notes: And therefore the system is also able to indicate now that the next expected Meter trigger, for this Maintenance Item overall, is at 10,000.



Slide 93

Slide notes: So this is how we may easily set up a new Planned Maintenance Master Item.