



# pig MANAGEMENT SYSTEM

**Pipelines 2 Data (P2D) Ltd Pig Management  
System**

Client User Manual

# Pig Management System

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*by Pipelines 2 Data (P2D) Ltd*

*The Pipelines 2 Data (P2D) Pig Management System is a secure web based application that allows the full management of multiple pigging programmes across multiples pipelines and clients. The system allows for multiple pigging programmes against either one or many client pipelines utilising client assigned pigs. All pig runs are tracked and graphs are produce of the debris removed by each run. The condition of the pig after each run is tracked and information is stored about the state of the pig and the maintenance that the pig requires in order to be used again for a run. The system has the ability to upload and store electronic information against items like pipelines, pigs or condition reports.*

## Pipelines 2 Data (P2D) Ltd Pig Management System

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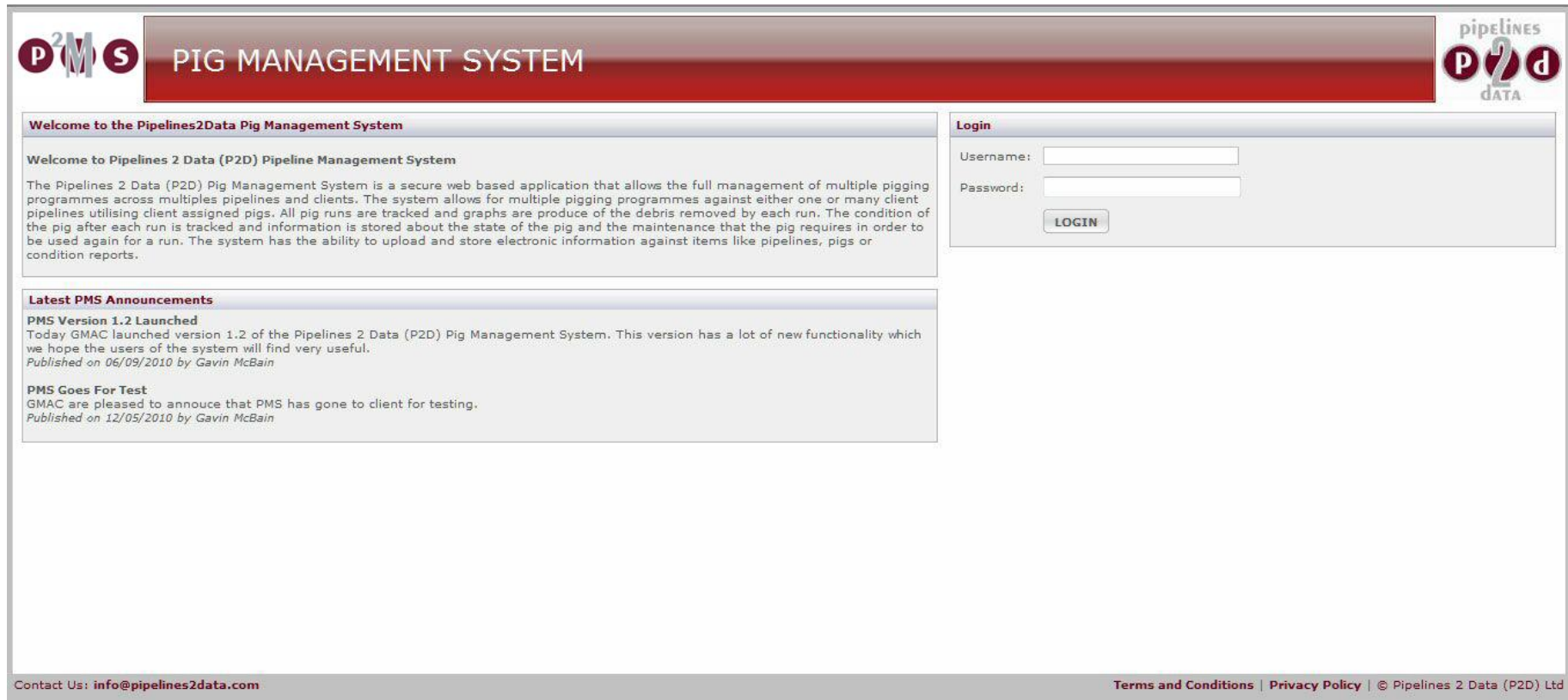
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# **1 The Pig Management System**

The Pipelines2Data Pig Management System is a secure web based application that allows the full management of multiple pigging programs across multiples pipelines and clients. The system allows for multiple pigging programs against either one or many client pipelines utilising client assigned pigs. All pig runs are tracked and graphs are produce of the debris removed by each run. The condition of the pig after each run is tracked and information is stored about the state of the pig and the maintenance that the pig requires in order to be used again for a run. The system has the ability to upload and store electronic information against items like pipelines, pigs or condition reports.

## **1.1 Accessing the Pig Management System**

The first screen you see when you access the PMS is the logon screen which is shown below and is separated into three main areas.



**Welcome to the Pipelines2Data Pig Management System**

**Welcome to Pipelines 2 Data (P2D) Pipeline Management System**

The Pipelines 2 Data (P2D) Pig Management System is a secure web based application that allows the full management of multiple pigging programmes across multiples pipelines and clients. The system allows for multiple pigging programmes against either one or many client pipelines utilising client assigned pigs. All pig runs are tracked and graphs are produce of the debris removed by each run. The condition of the pig after each run is tracked and information is stored about the state of the pig and the maintenance that the pig requires in order to be used again for a run. The system has the ability to upload and store electronic information against items like pipelines, pigs or condition reports.

**Latest PMS Announcements**

**PMS Version 1.2 Launched**  
 Today GMAC launched version 1.2 of the Pipelines 2 Data (P2D) Pig Management System. This version has a lot of new functionality which we hope the users of the system will find very useful.  
*Published on 06/09/2010 by Gavin McBain*

**PMS Goes For Test**  
 GMAC are pleased to announce that PMS has gone to client for testing.  
*Published on 12/05/2010 by Gavin McBain*

**Login**

Username:

Password:

**LOGIN**

Contact Us: [info@pipelines2data.com](mailto:info@pipelines2data.com)

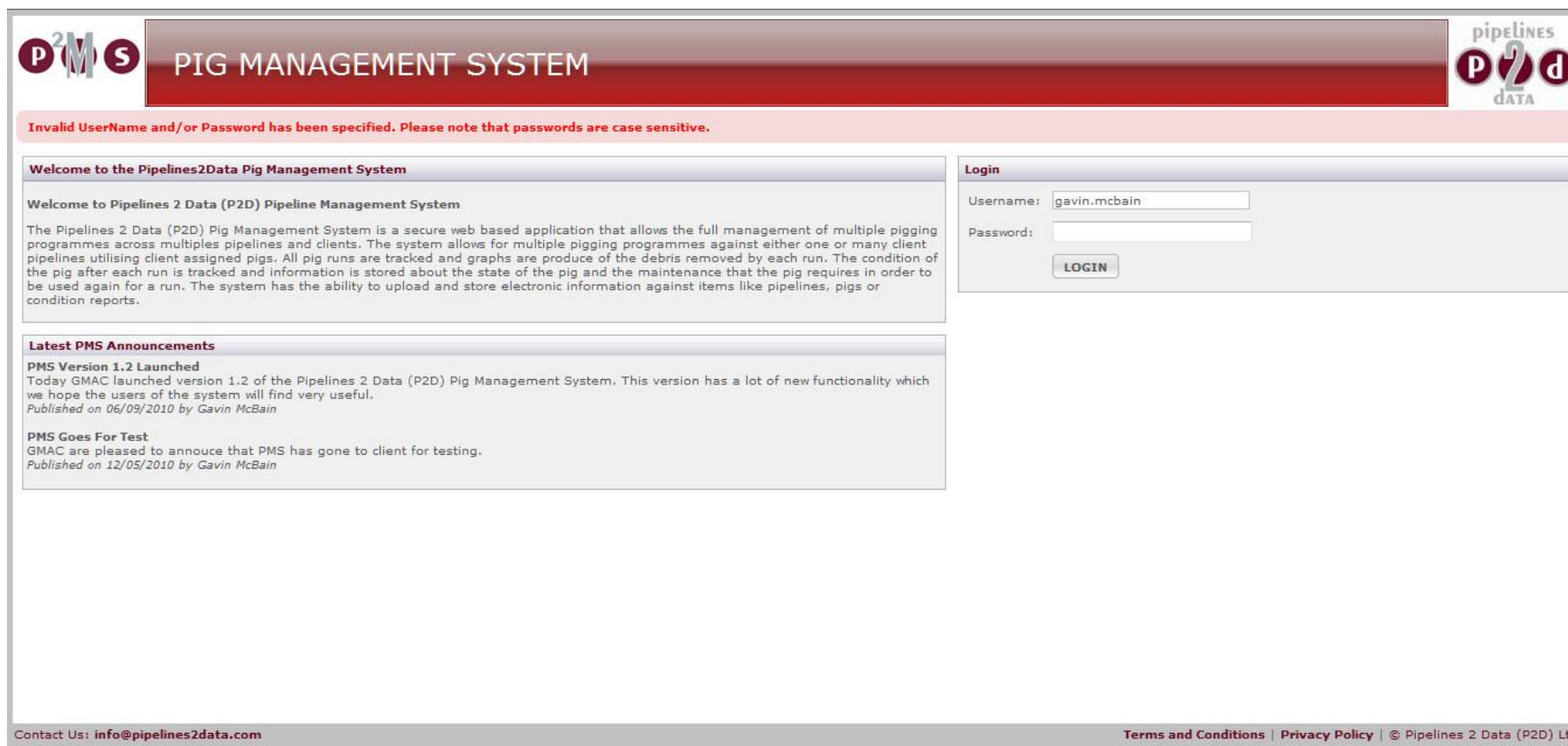
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The left hand side of the logon screen is broken down into two areas.

The top part of the screen gives some descriptive information about what the PMS application is going to provide to you. Below this there is a list of applicable announcements that will tell you what is going on with the system or with your data.

The right hand side of the screen is where you enter your logon details that you should have received before trying to access the application for the first time. The top box is where you enter your username and the box below is where the password goes.

If you enter any of your logon details incorrectly you will get a screen similar to the one below and be asked to enter your logon details again.



**Invalid UserName and/or Password has been specified. Please note that passwords are case sensitive.**

**Welcome to the Pipelines2Data Pig Management System**

**Welcome to Pipelines 2 Data (P2D) Pipeline Management System**

The Pipelines 2 Data (P2D) Pig Management System is a secure web based application that allows the full management of multiple pigging programmes across multiples pipelines and clients. The system allows for multiple pigging programmes against either one or many client pipelines utilising client assigned pigs. All pig runs are tracked and graphs are produce of the debris removed by each run. The condition of the pig after each run is tracked and information is stored about the state of the pig and the maintenance that the pig requires in order to be used again for a run. The system has the ability to upload and store electronic information against items like pipelines, pigs or condition reports.

**Latest PMS Announcements**

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**PMS Goes For Test**  
GMAC are pleased to announce that PMS has gone to client for testing.  
*Published on 12/05/2010 by Gavin McBain*

**Login**

Username:

Password:

**LOGIN**

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Should you not have your details or the ones you were sent don't appear to work please get in contact with Pipelines2Data to check your details or get new ones sent through.

## 1.2 The PMS Menu Bar

The menu bar sits along the top of the PMS application and allows access to the main areas of the system. The selected menu option is highlighted in white, after a successful logon you will be taken by default to the home page which is very similar to the logon page without the need for a username and password form.



The other four options on the menu bar are as follows :-

### [TRACKER](#)

This option take you to the area of the PMS application where your pipelines and their associated programs details are shown.

### [PIGS](#)

This option takes you to the area of the PMS application where all the pig details are shown.

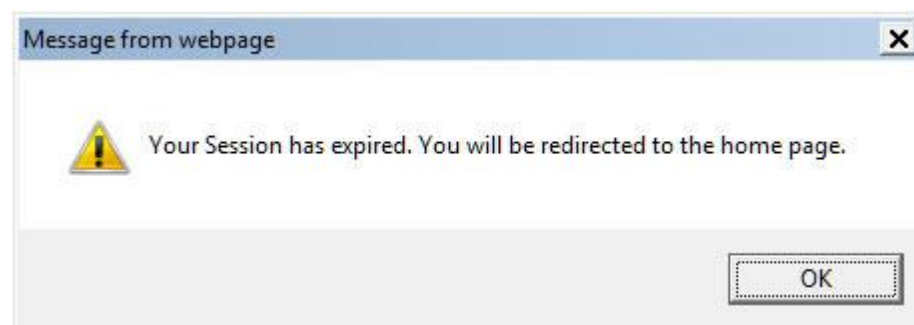
### [STOCK](#)

This option takes you to the area of the PMS application where all the stock that is used by your pigs are shown.

### [SIGN OUT](#)

This option ends your session on the PMS application and returns you to the logon page.

If you do not use the system for a period of 10 minutes then you will see a message box like below telling you that your session has timed out because of inactivity.

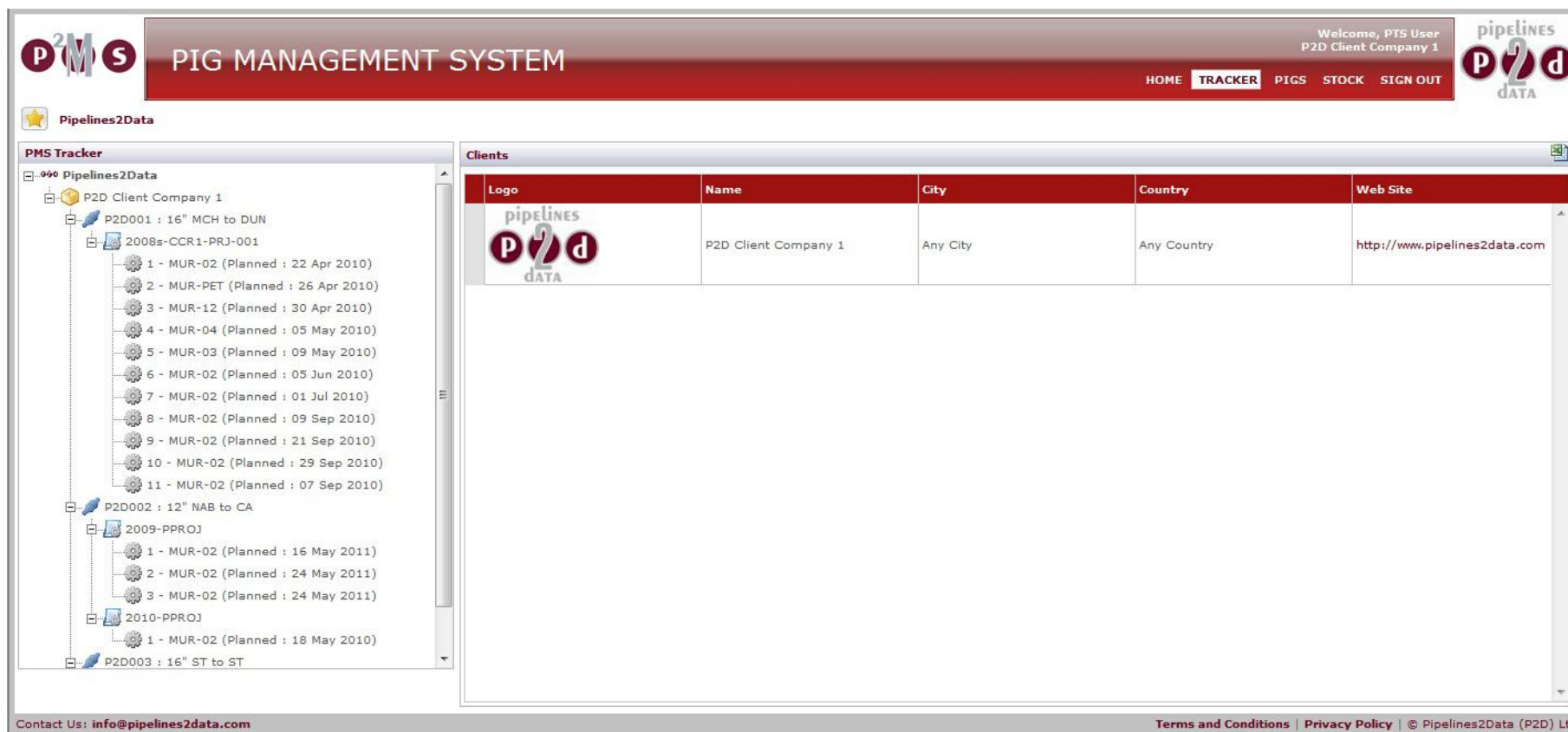


When you press the ok button then you will be be returned to the home page again, this is a protection mechanism much like what you have with online banking and most password protected websites.

## 1.3 The PMS Tracker


The tracker page is the main area of the Pig Management System. It is this screen that gives you access to all the details for every pipeline and every associated programme that you have being managed by Pipelines2Data.

The page is divided into two main areas, the left hand area is shown as a tree much like Windows Explorer and allows access to all the different levels within the tracker, the right hand side changes depending on what level of the tree you are accessing. The page opens up at the client level and with the tree on the left hand side fully expanded like the screenshot below shows.



**PMS Tracker**

**Client Details Table:**

Logo	Name	City	Country	Web Site
	P2D Client Company 1	Any City	Any Country	<a href="http://www.pipelines2data.com">http://www.pipelines2data.com</a>

**Tree View Structure:**

- Pipelines2Data
  - P2D Client Company 1
    - P2D001 : 16" MCH to DUN
      - 2008s-CCR1-PRJ-001
        - 1 - MUR-02 (Planned : 22 Apr 2010)
        - 2 - MUR-PET (Planned : 26 Apr 2010)
        - 3 - MUR-12 (Planned : 30 Apr 2010)
        - 4 - MUR-04 (Planned : 05 May 2010)
        - 5 - MUR-03 (Planned : 09 May 2010)
        - 6 - MUR-02 (Planned : 05 Jun 2010)
        - 7 - MUR-02 (Planned : 01 Jul 2010)
        - 8 - MUR-02 (Planned : 09 Sep 2010)
        - 9 - MUR-02 (Planned : 21 Sep 2010)
        - 10 - MUR-02 (Planned : 29 Sep 2010)
        - 11 - MUR-02 (Planned : 07 Sep 2010)
      - P2D002 : 12" NAB to CA
        - 2009-PPROJ
          - 1 - MUR-02 (Planned : 16 May 2011)
          - 2 - MUR-02 (Planned : 24 May 2011)
          - 3 - MUR-02 (Planned : 24 May 2011)
        - 2010-PPROJ
          - 1 - MUR-02 (Planned : 18 May 2010)
      - P2D003 : 16" ST to ST

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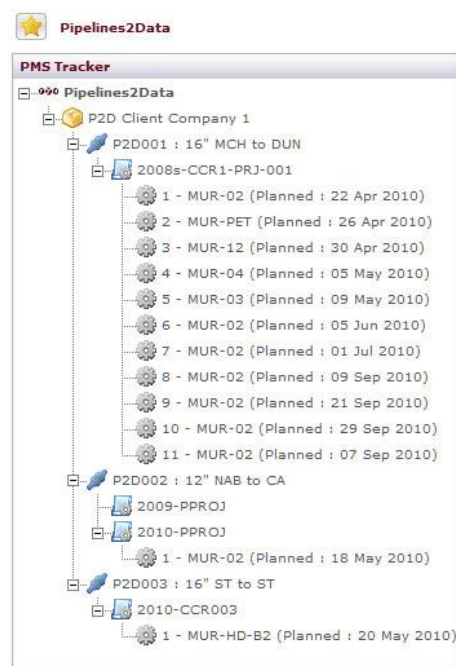


This part of the application can be broken down into six different areas of functionality

1. [The PMS Tracker Tree](#)
2. [Clicking at the Pipelines2Data Level In the Tree](#)
3. [Clicking at the Client Level In the Tree](#)
4. [Clicking at the Pipeline Level In the Tree](#)
5. [Clicking at the Programme Level In the Tree](#)
6. [Clicking at the Pig Run Level In the Tree](#)


### 1.3.1 The PMS Tracker Tree

The tree at the left hand side of the main tracker screen opens up defaulted as fully expanded but can be collapsed and then expanded by click on the little + and - boxes next to each link in the tree. The functionality of the tree is the same as Windows Explorer.



At the top of the tree you will see a button which has a yellow star inside. Pressing this button hides the tree from view and allows the detail panel on the right hand side to take up the whole width of your screen. This can be very useful if you are working on a lower resolution monitor as you will be able to see a lot more of the detail information. Pressing the star button again will unhide the tree.

The text next to this button is called a "bread crumb" and shows you exactly where in the tree you are and can be most helpful especially when the tree is hidden.

 **Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN > 2008s-CCR1-PRJ-001**

You can click on any of the items of text in between the > to take you directly to that level in the tree.

The tree allows access to the 5 levels of functionality and each level is linked to a separate image in the tree. Clicking on each level opens up further details on the right hand side of the window.



Level 1 - Top : Pipelines2Data

Level 2 - Client : P2D Client Company

Level 3 - Pipeline : P2D001: 16" MCH to DUN

Level 4 - Programme : 2008s-CCR-PRJ-001

Clicking this shows the [client list](#) on the right hand side.

Clicking on this levels shows the [pipeline list](#) details on the right hand side

Clicking on a pipeline brings up the [programme list](#) which lists of all the programmes associated with this pipeline on the right hand side.

Clicking on a programme opens up the [pig runs](#) listing all the runs associated with this programme on the right hand



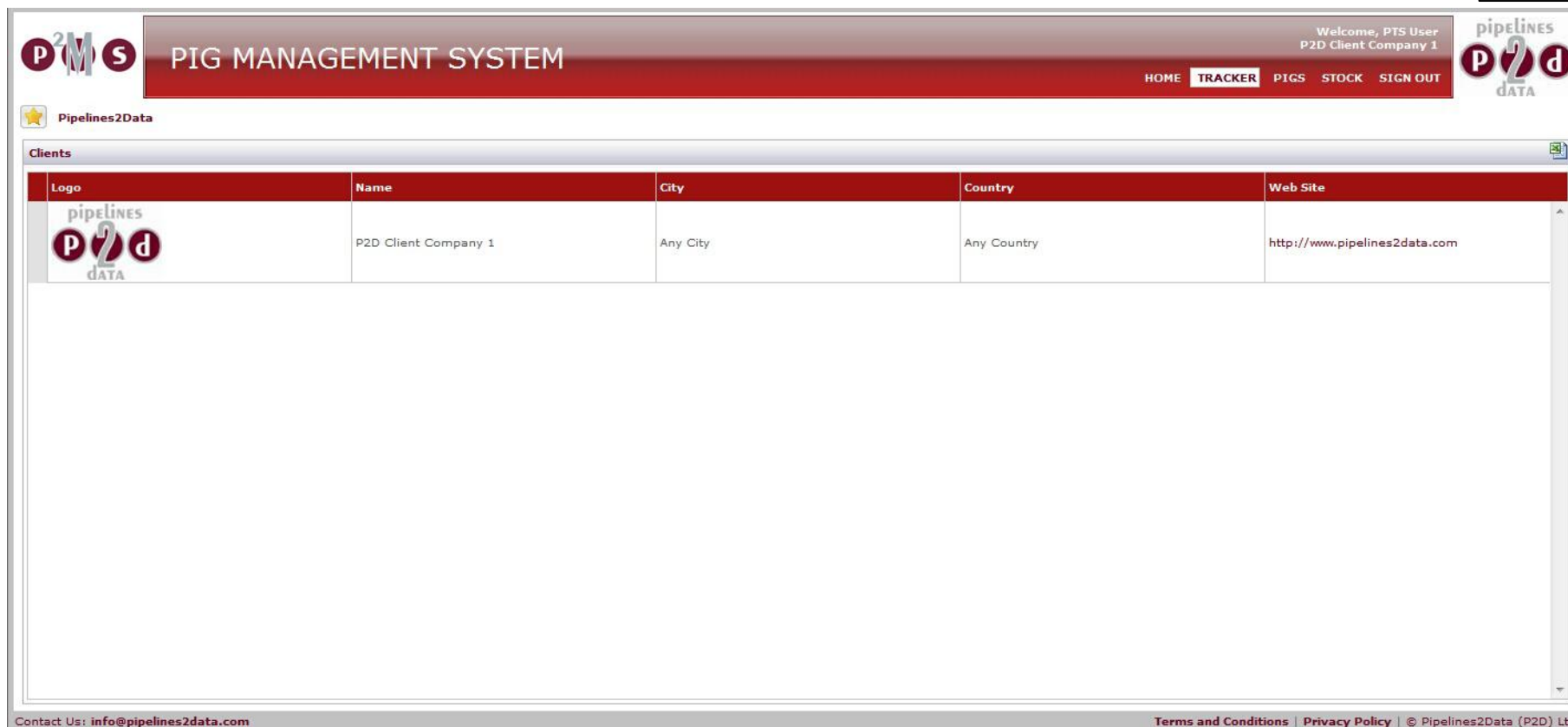
Level 5 - Pig Run - 1 - MUR-02

side.

Clicking on an individual pig run opens up the [Pig Run Details](#) on the right hand side.

### 1.3.2 Clicking at the Pipelines2Data Level In the Tree

The client list is accessed by clicking on the top level of the PMS Tracker Tree labelled with the text Pipelines2Data. The screenshot below shows you the default view shown at this level (please note the screenshot below has the tree hidden using the yellow star button next to the bread crumb text).




**PIG MANAGEMENT SYSTEM**


Welcome, PTS User  
P2D Client Company 1

HOME TRACKER PIGS STOCK SIGN OUT

**Clients**

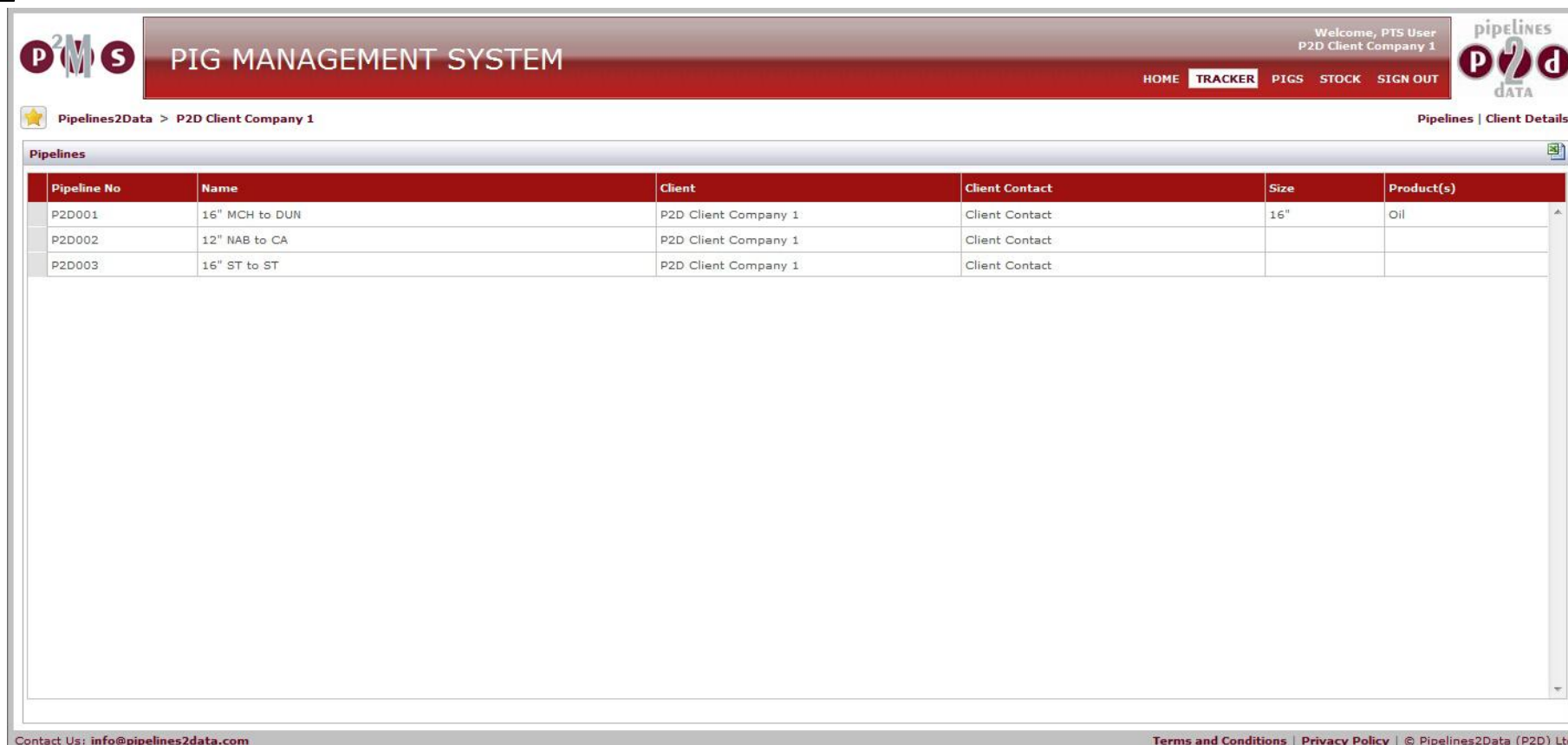
Logo	Name	City	Country	Web Site
	P2D Client Company 1	Any City	Any Country	<a href="http://www.pipelines2data.com">http://www.pipelines2data.com</a>

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The table shown the details for the logged on users company. You can export these details to Microsoft Excel by clicking the  picture at the right hand side of the Clients title bar.

### 1.3.3 Clicking at the Client Level In the Tree

The pipeline list is accessed by clicking on the name of your client (e.g. P2D Client Company 1) which sits at the second level in the tree. The screenshot below shows you the default view shown at this level (please note the screenshot below has the tree hidden using the yellow star button next to the bread crumb text.



Pipeline No	Name	Client	Client Contact	Size	Product(s)
P2D001	16" MCH to DUN	P2D Client Company 1	Client Contact	16"	Oil
P2D002	12" NAB to CA	P2D Client Company 1	Client Contact		
P2D003	16" ST to ST	P2D Client Company 1	Client Contact		

When you click on your company in the tree you get a list of all your pipelines that Pipelines2Data are managing a pigging programme on or have ever managed a pigging programme on assuming you wish to keep your historical data within the system. You can export the list of pipelines to Microsoft Excel by clicking the  picture at the right hand side of the Pipelines title bar.

The table shows only basic information about the pipeline, it's code reference, name, client name, main client contact, it's size and the product(s) that go through the pipeline. To get more details about any of the pipelines listed just double click the row you wish to see more details for. A popup will appear like shown below listing more details about your pipeline.

### Add/Edit Pipeline

Pipeline No:	<input type="text" value="P2D001"/>		
Name:	<input dun"="" mch="" to="" type="text" value="16"/>		
Client Company:	<input type="text" value="P2D Client Company 1"/>	Client Contact:	<input type="text" value="Client Contact"/>
Pipeline Company:	<input type="text" value="P2D Client Company 1"/>	Pipeline Contact:	<input type="text" value="Client Contact"/>
Comments:	<input 19.1="" export="" km="" oil="" pipeline"="" type="text" value="16" x=""/>		
Method of Manufacturer:	<input type="text"/>		
Nominal Size:	<input type="text" value="16"/>	Service:	<input type="text" value="Oil"/>
Inner Diameter:	<input type="text" value="16"/>	Type:	<input type="text" value="Oil Export"/>
Length:	<input type="text" value="19.1 km"/>	Material Grade:	<input type="text"/>
Wall Thickness - Linepipe:	<input type="text"/>	Year Laid:	<input type="text"/>
Wall Thickness - Tolerance:	<input type="text"/>	Commissioned:	<input type="text"/>

The full list of other function that can be accessed at this level sit at the right hand side of the bread crumb bar as shown below.


[Pipelines2Data](#) > [P2D Client Company 1](#)

[Pipelines | Client Details](#)

At the pipeline level there are two functions you can access. The first is the default one which has been described above, the other function you can access at this levels is the Client Details which shows more details about the client company that owns the pipelines together with the contacts that Pipelines 2 Data (P2D) have for the company. This screen looks like this.



The screenshot shows the 'PIG MANAGEMENT SYSTEM' interface. At the top, there is a navigation bar with 'HOME', 'TRACKER', 'PIGS', 'STOCK', and 'SIGN OUT'. The user is logged in as 'PTS User P2D Client Company 1'. The breadcrumb trail shows 'Pipelines2Data > P2D Client Company 1'. The 'Client Details' section contains form fields for Name, Address1, Address2, Address3, Address4, City, Country, Postal Code, and Web Site. The 'Contacts' section displays a table with columns: First Name, Surname, Job Title, Email Address, Office Number, and Mobile Number. The table contains one row for 'Client' with the email 'client.contact@clientcompany1.com'.

**Client Details**

Name:

Address1:

Address2:

Address3:

Address4:

City:

Country:

Postal Code:

Web Site:


**Contacts**

First Name	Surname	Job Title	Email Address	Office Number	Mobile Number
Client	Contact	Mr	client.contact@clientcompany1.com		

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### 1.3.4 Clicking at the Pipeline Level In the Tree

The programme list is accessed by clicking on any pipeline that belongs to your company (e.g. P2D001 : 16" MSH to DUN) which sits at the third level in the tree. The screenshot below shows you the default view shown at this level (please note the screenshot below has the tree hidden using the yellow star button next to the bread crumb text).



**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

[HOME](#)
[TRACKER](#)
[PIGS](#)
[STOCK](#)
[SIGN OUT](#)


Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN > 2008s-CCR1-PRJ-001

[Pig Record Sheet](#) | [Programme Details](#) | [Timeline](#) | [Debris Removal Trend](#)

**Pig Record Sheet**


	Phase	PIG ID	PIG Type	Planned	Planned Run Duration	Flowrate	Launch	Received	Soft Wax (kg)	Hard Wax (kg)	Min Pressure	Max Pressure	Min Temperature
1	Phase 1	MUR-02	BIDI	22/04/2010	0	0 m3/s			15	18	0	0	0
2	Phase 1	MUR-PET	PET	26/04/2010	2	0 m3/s	01-Feb-10 00:00	03-Feb-10 00:00	18	21	0	0	0
3	Phase 1	MUR-12	PET	30/04/2010	1	0 m3/s	01-Mar-10 00:00	04-Mar-10 00:00	14	16	0	0	0
4	Phase 1	MUR-04	BIDI	05/05/2010	3	0 m3/s	01-Apr-10 00:00	02-Apr-10 00:00	15	16	0	0	0
5	Phase 1	MUR-03	BIDI	09/05/2010	5	0 m3/s	18-May-10 00:00	23-May-10 00:00	12	19	0	0	0
6	Phase 1	MUR-02	BIDI	05/06/2010	4	0 m3/s	05-Jun-10 00:00	08-Jun-10 00:00	0	0	0	0	0
7	Phase 1	MUR-02	BIDI	01/07/2010	3	0 m3/s	07-Jul-10 00:00	13-Jul-10 00:00	0	0	0	0	0
8	Phase 1	MUR-02	BIDI	09/09/2010	2	0 m3/s	07-Sep-10 00:00	10-Sep-10 00:00	0	0	0	0	0
9	Phase 1	MUR-02	BIDI	21/09/2010	1	0 m3/s			0	0	0	0	0
10	Phase 1	MUR-02	BIDI	29/09/2010	5	0 m3/s			0	0	0	0	0
11	Phase 1	MUR-02	BIDI	07/09/2010	0	0 m3/s			0	0	0	0	0

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When you click on any pipeline in the tree you get a list of all the historical, currently active and future programmes assigned to the selected pipeline. You can export the list of programmes to Microsoft Excel by clicking the  picture at the right hand side of the Programmes title bar.

The table shows only basic information about the pipeline programmes, their Pipelines 2 Data (P2D) reference and client reference, the start and end date for the programme and the details surrounding the number of runs and how many have been completed. To get these details in a pop up window just double click the row you wish to see the details for. A popup will appear like shown below listing the same details about the programme.

The full list of other function that can be accessed at this level sit at the right hand side of the bread crumb bar as shown below.

★ Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN

Programmes | Pipeline Details | System Information

At the programme level there are three functions you can access. The first is the default one which has been described above, the other functions you can access at this levels are as follows.

- [Pipeline Details](#)
- [System Information](#)

#### 1.3.4.1 Pipeline Details

The Pipeline Details screen is accessed from the right hand side menu options on the bread crumb displayed at programme level.

The pipeline details are split into three tabs each of which is pictured below.

##### Pipeline Characteristics

This tab shows all the pipeline details like the year it was made, the lengths and bends and all the details about the launch and receiver units.



P2M S

PIG MANAGEMENT SYSTEM

Welcome, PTS User  
P2D Client Company 1

pipelines  
P2D  
DATA

HOMETRACKERPIGSSTOCKSIGN OUT

Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN

Programmes | Pipeline Details | System Information

Pipeline Details

Pipeline No:  
Name:  
Comments:

P2D001

16" MCH to DUN

CharacteristicsContactsComments

Method of Manufacture:

Nominal Size:  
Inner Diameter:  
Length:  
Wall Thickness - Linepipe:  
Wall Thickness - Tolerance:

16"

16"

19.1 km

DIMENSIONS  
Min System ID:  
Max System ID:  
Max Local ID Change:  
Min Bend Radius:  
Min ID of Min Bend Radius:  
Min Bend Spacing:  
Pipeline Tees:

LAUNCH  
Min WT Riser:  
Max WT Riser:  
Pig Trap OD:  
Orientation:  
Minor Barrel Length:  
Major Barrel Length:  
Overall Length:  
Flange ID:  
Access Behind Pig Door:

Pig Trap Comments:

OPERATIONAL  
Nominal Flow Velocity:  
Normal Operating Temperature:  
Normal Operating Pressure:

Service:  
Type:  
Material Grade:  
Year Laid:  
Commissioned:

Oil

Oil Export

RECEIVER


Routine Pig Frequency:  
Last Intelligent Pig:  
MAOP:

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## Pipeline Contacts

The pipeline contacts tab shows the client and the pipeline owning company contacts includes their postal address, email and web address together with all their contact numbers.


**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

[HOME](#)
[TRACKER](#)
[PIGS](#)
[STOCK](#)
[SIGN OUT](#)



[Pipelines2Data](#) > [P2D Client Company 1](#) > [P2D001 : 16" MCH to DUN](#)
[Programmes](#) | [Pipeline Details](#) | [System Information](#)

**Pipeline Details**

Pipeline No:   
Name:   
Comments:

[Characteristics](#)
[Contacts](#)
[Comments](#)

**CLIENT COMPANY**

Company:   
Address1:   
Address2:   
Address3:   
Address4:   
City:   
Postal Code:   
Web Site:

Contact:  [Add Contact](#)  
Job Title:   
Email Address:   
Office Num:   
Mobile Num:   
Fax Num:

**PIPELINE OWNING COMPANY**

Company:   
Address1:   
Address2:   
Address3:   
Address4:   
City:   
Postal Code:   
Web Site:

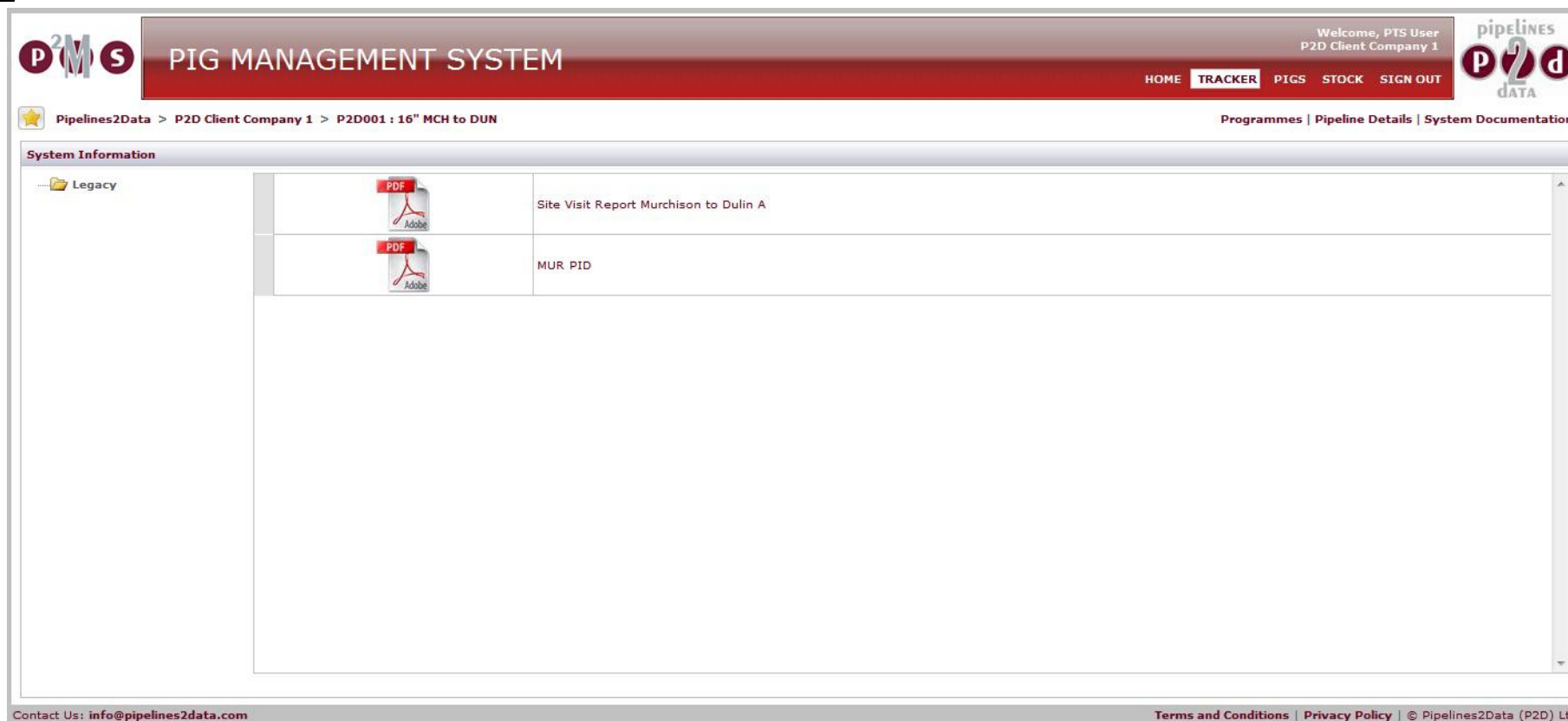
Contact:  [Add Contact](#)  
Job Title:   
Email Address:   
Office Num:   
Mobile Num:   
Fax Num:

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## Pipeline Comments

The final tab shows a list of all comments that have been stored against the pipeline. These comments can be made by anyone and the list shows these in chronological order.

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**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1



HOME TRACKER PIGS STOCK SIGN OUT

Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN

Programmes | Pipeline Details | System Documentation

**System Information**

Legacy


	Site Visit Report Murchison to Dulin A
	MUR PID

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The System Information tab shows all file uploads that have been added for this pipeline, this can include any files and there is an option of loading these files into separate folders which are displayed in the left hand side of the window. You can navigate to another folder by simply clicking it. Clicking a folder will then refresh the right hand side which will list all the files that have been uploaded in the selected folder.

### 1.3.5 Clicking at the Programme Level In the Tree

The pig run list is accessed by clicking on any programme that belongs to one of your companies pipelines (e.g. 2008s-CCR1-PRJ-001) which sits at the fourth level in the tree. The screenshot below shows you the default view shown at this level (please note the screenshot below has the tree hidden using the yellow star button next to the bread crumb text).



**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

[HOME](#)
[TRACKER](#)
[PIGS](#)
[STOCK](#)
[SIGN OUT](#)


Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN > 2008s-CCR1-PRJ-001

[Pig Record Sheet](#) | [Programme Details](#) | [Timeline](#) | [Debris Removal Trend](#)

**Pig Record Sheet**


	Phase	PIG ID	PIG Type	Planned	Planned Run Duration	Flowrate	Launch	Received	Soft Wax (kg)	Hard Wax (kg)	Min Pressure	Max Pressure	Min Temperature
1	Phase 1	MUR-02	BIDI	22/04/2010	0	0 m3/s			15	18	0	0	0
2	Phase 1	MUR-PET	PET	26/04/2010	2	0 m3/s	01-Feb-10 00:00	03-Feb-10 00:00	18	21	0	0	0
3	Phase 1	MUR-12	PET	30/04/2010	1	0 m3/s	01-Mar-10 00:00	04-Mar-10 00:00	14	16	0	0	0
4	Phase 1	MUR-04	BIDI	05/05/2010	3	0 m3/s	01-Apr-10 00:00	02-Apr-10 00:00	15	16	0	0	0
5	Phase 1	MUR-03	BIDI	09/05/2010	5	0 m3/s	18-May-10 00:00	23-May-10 00:00	12	19	0	0	0
6	Phase 1	MUR-02	BIDI	05/06/2010	4	0 m3/s	05-Jun-10 00:00	08-Jun-10 00:00	0	0	0	0	0
7	Phase 1	MUR-02	BIDI	01/07/2010	3	0 m3/s	07-Jul-10 00:00	13-Jul-10 00:00	0	0	0	0	0
8	Phase 1	MUR-02	BIDI	09/09/2010	2	0 m3/s	07-Sep-10 00:00	10-Sep-10 00:00	0	0	0	0	0
9	Phase 1	MUR-02	BIDI	21/09/2010	1	0 m3/s			0	0	0	0	0
10	Phase 1	MUR-02	BIDI	29/09/2010	5	0 m3/s			0	0	0	0	0
11	Phase 1	MUR-02	BIDI	07/09/2010	0	0 m3/s			0	0	0	0	0

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When you click on any programme in the tree you get a list of all the pig runs that have either been run, are running or are set to run in the future. You can export the list of pig runs to Microsoft Excel by clicking the  picture at the right hand side of the Pig Record Sheet title bar.

The table shows information about the pig runs, the sequence, phase, the pig id and type together with the planned and actual dates. If the run has been completed the details from the run like flowrate and debris retrieved during the run are also shown in the table. By double clicking on any of the runs you can get these details in a pop up window as shown below.

Add/Edit Pig

Pig ID:

MUR-02

Phase:

Phase 1

Planned Launch Date:

22/04/2010

Planned Run Duration:

0

day(s)

Flowrate:

0

m3/s

Launch Date/Time:

00:00

Receive Date/Time:

00:00

Soft Wax (kg):

15

Hard Wax (kg):

18

Condition (Wear/Damage):

Comments:

OK

CANCEL

The full list of other function that can be accessed at this level sit at the right hand side of the bread crumb bar as shown below.


[Pipelines2Data](#) > 
 [P2D Client Company 1](#) > 
 [P2D001 : 16" MCH to DUN](#) > 
 [2008s-CCR1-PRJ-001](#)

[Pig Record Sheet](#) | 
 [Programme Details](#) | 
 [Timeline](#) | 
 [Debris Removal Trend](#)

At this level there are four functions you can access. The first is the default one which has been described above, the other functions you can access at this levels are as follows.

- [Programme Details](#)
- [Timeline](#)
- [Debris Removal Trend](#)

### 1.3.5.1 Programme Details

The Programme Details screen is accessed from the right hand side menu options on the bread crumb displayed at the pig run record list screen.

This screen shows the same details about the programme that been shown before. The reason it is also available at this level is to allow the user to access these details without having to move back up a level in the PMS Tracker Tree.

The screen is shown below.



The screenshot displays the 'PIG MANAGEMENT SYSTEM' interface. At the top, a red header bar contains the 'PMS' logo on the left and the text 'Welcome, PTS User P2D Client Company 1' on the right. Below the header, a navigation bar includes links for 'HOME', 'TRACKER', 'PIGS', 'STOCK', and 'SIGN OUT'. A breadcrumb trail shows the path: 'Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN > 2008s-CCR1-PRJ-001'. The main content area is titled 'Programme Details' and contains the following information:

- P2D Project Num: 2008s-CCR1-PRJ-001
- Client Ref: [Empty field]
- Debris UOM: kg
- Start Date: [Empty field]
- End Date: [Empty field]
- Completed Runs: 7
- Total Runs: 11
- % Complete: 63.64
- Is Complete: [Empty checkbox]

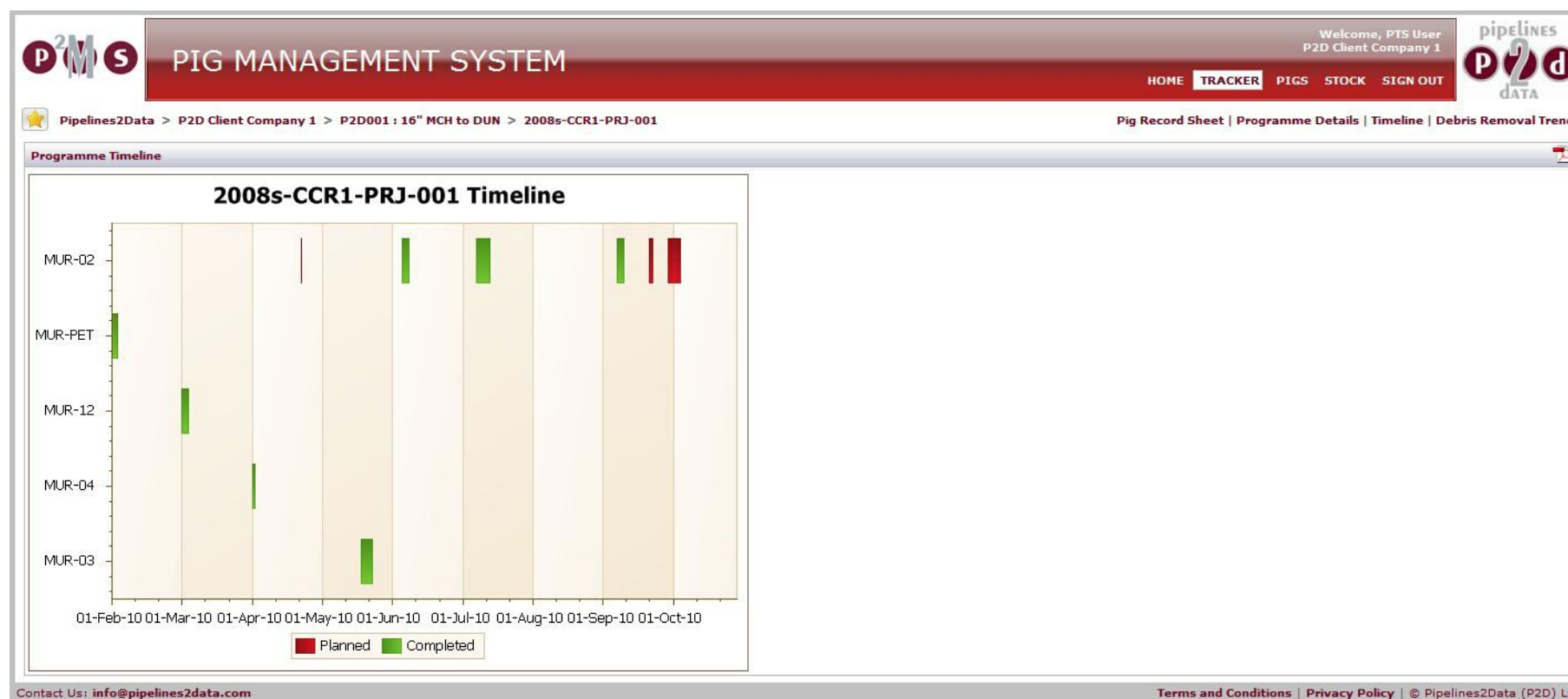
At the bottom of the screen, there is a footer with contact information: 'Contact Us: info@pipelines2data.com' and a link to 'Terms and Conditions | Privacy Policy | © Pipelines2Data (P2D) Ltd'.

### 1.3.5.2 Timeline

The Timeline screen is accessed from the right hand side menu options on the bread crumb displayed at the pig run record list screen.

The timeline displays the pig runs in a project plan kind of format. Each pig used in the programme has it's own line so subsequent runs of the same pig remain in the same line as earlier runs. If the run is in green then this is based on actual runs, if the run is in red then this is currently only a planned run and subject to changes.


You can export this graph as a PDF by clicking the  image at the right hand side of the Programme Timeline bar.

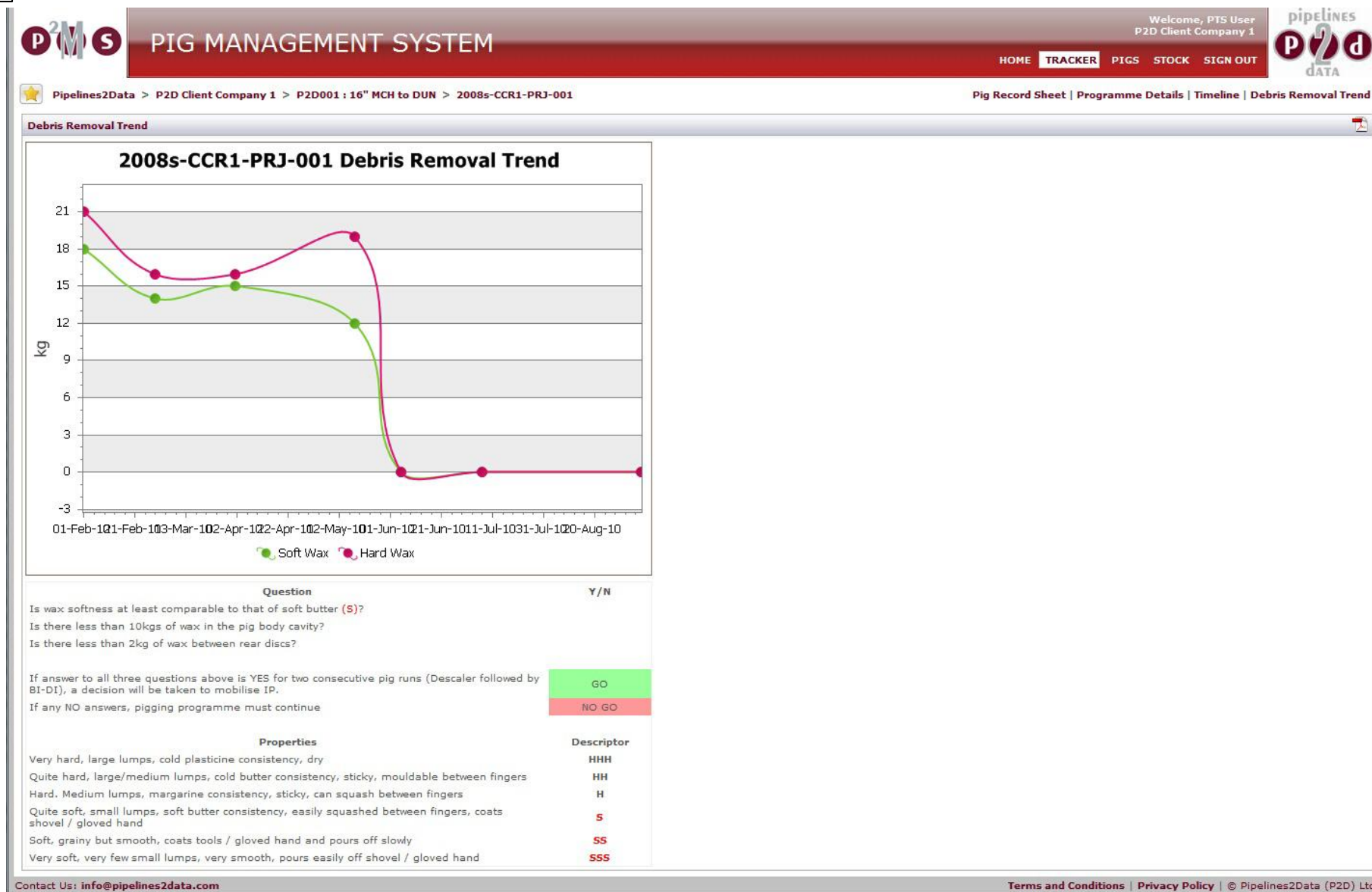




### 1.3.5.3 Debris Removal Trend

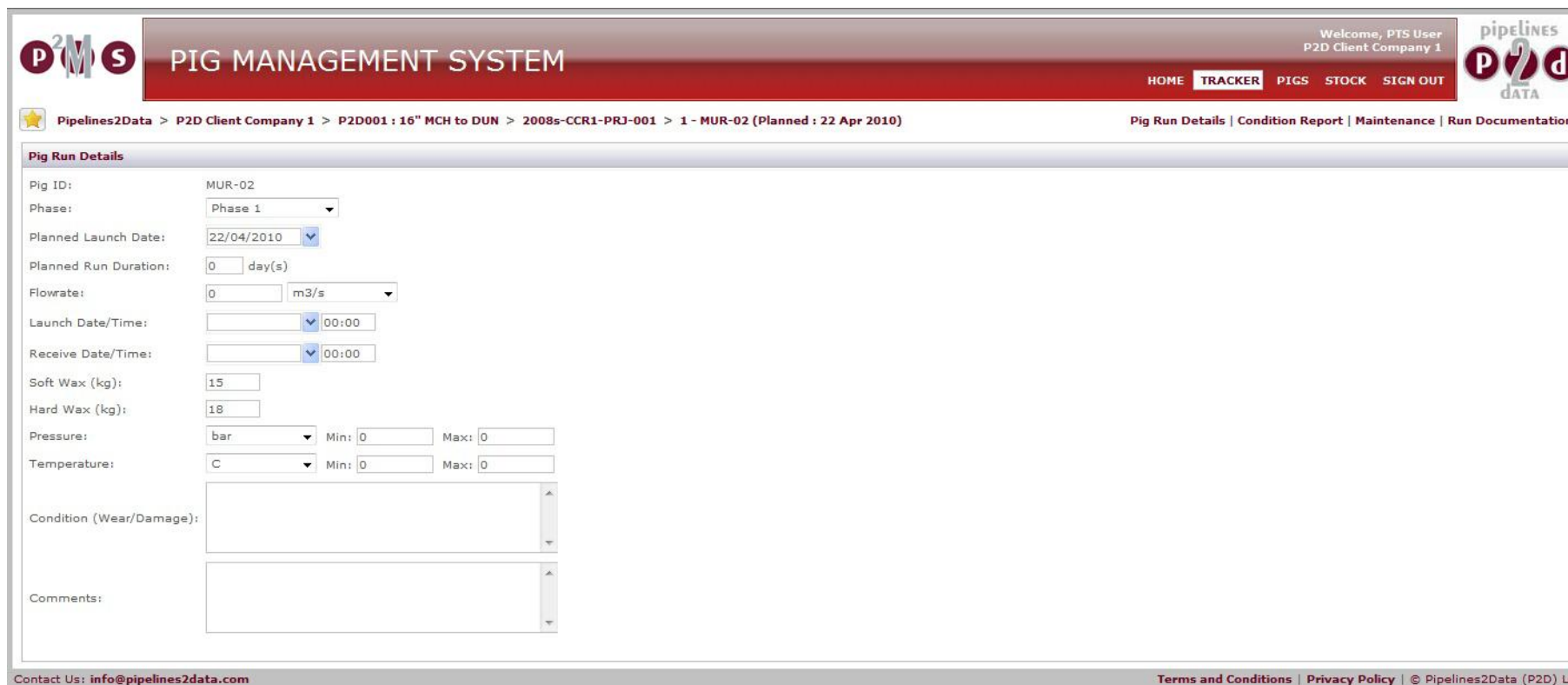
The Debris removal screen is accessed from the right hand side menu options on the bread crumb displayed at the pig run record list screen.

The debris removal graph plots the amount of soft and hard wax recovered after each pig run. You can export this graph as a PDF by clicking the  image at the right hand side of the Programme Timeline bar.



### 1.3.6 Clicking at the Pig Run Level In the Tree

The pig run details is accessed by clicking on any individual pig run from a programme (e.g. 1 - MUR-02 (Planned : 22 Apr 2010)) which sits at the fourth level in the tree. The screenshot below shows you the default view shown at this level (please note the screenshot below has the tree hidden using the yellow star button next to the bread crumb text).



The screenshot displays the 'Pig Run Details' page in the Pig Management System. The page has a red header with the 'P2M S' logo and the title 'PIG MANAGEMENT SYSTEM'. A navigation bar includes links for HOME, TRACKER, PIGS, STOCK, and SIGN OUT. A welcome message for 'PTS User P2D Client Company 1' is visible. The breadcrumb trail shows the path: Pipelines2Data > P2D Client Company 1 > P2D001 : 16" MCH to DUN > 2008s-CCR1-PRJ-001 > 1 - MUR-02 (Planned : 22 Apr 2010). A yellow star icon is next to the breadcrumb text. The main content area is titled 'Pig Run Details' and contains the following fields:

- Pig ID: MUR-02
- Phase: Phase 1 (dropdown)
- Planned Launch Date: 22/04/2010 (dropdown)
- Planned Run Duration: 0 day(s)
- Flowrate: 0 m3/s (dropdown)
- Launch Date/Time: [ ] 00:00 (dropdown)
- Receive Date/Time: [ ] 00:00 (dropdown)
- Soft Wax (kg): 15
- Hard Wax (kg): 18
- Pressure: bar (dropdown) Min: 0 Max: 0
- Temperature: C (dropdown) Min: 0 Max: 0
- Condition (Wear/Damage): [ ]
- Comments: [ ]

The footer contains contact information: info@pipelines2data.com and links for Terms and Conditions, Privacy Policy, and copyright notice for Pipelines2Data (P2D) Ltd.

The full list of other function that can be accessed at this level sit at the right hand side of the bread crumb bar as shown below.



At this level there are four functions you can access. The first is the default one which has been described above, the other functions you can access at this levels are as follows.


- [Condition Report](#)
- [Maintenance](#)
- [System Information](#)

#### 1.3.6.1 Condition Report

The Condition Report screen is accessed from the right hand side menu options on the bread crumb displayed at the pig run details screen.

This screen is the equivalent of the current form based system that is filled in after the completion of a pig run. Each condition report can have multiple pictures uploaded together with all the details regarding the condition of the seals and the general condition of the pig after the run.


The screen is shown below.




# PIG MANAGEMENT SYSTEM

Welcome, PTS User  
P2D Client Company 1

HOME TRACKER PIGS STOCK SIGN OUT




[Pipelines2Data](#) > 
 [P2D Client Company 1](#) > 
 [P2D001 : 16" MCH to DUN](#) > 
 [2008s-CCR1-PRJ-001](#) > 
 1 - MUR-02 (Planned : 22 Apr 2010)

[Pig Run Details](#) | 
 [Condition Report](#) | 
 [Maintenance](#) | 
 [Run Documentation](#)

**Pig Condition Report**

Pig ID: MUR-02

Pipeline: 16" MCH to DUN

Client: P2D Client Company 1

PCR No:

Date:  ▼

Length:

Tool Type:

PET or Transmitted Fitted? ☐

Launch Date/Time:

Amount of Debris: 33 kg

Wax Sample Required? ☐

Hazardous Contaminants Present (e.g. LDA, Mercury)? ☐

What percentage of wear have sealing discs received?

Is the wear even around the circumferenced of the seal? ☐

Wear on Receipt:

	a (mm)	b (mm)	c (mm)	d (mm)
Front Guide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Front Guide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Rear Guide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Rear Guide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

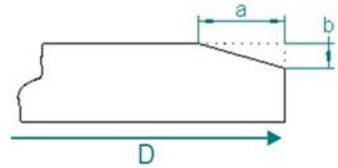
Job No:

Transit Time:

Product Type:

Receive Date/Time:

Flowrate: 0 m3/s



Picture of Pig:

Wear Details:

General Condition:

Light amount of wax on body+cups

Is there damage to Guide disc(s)?

Is there damage to Sealing disc(s)?

Is there damage to Bumper nose?

Remarks

Completed By:

Completed On:

Picture 1:

Picture 2:

Picture 3:

Picture 4:


Picture 5:

Picture 6:

### 1.3.6.2 Maintenance


The Maintenance screen is accessed from the right hand side menu options on the bread crumb displayed at the pig run details screen.

This screen shows the maintenance that was carried out on the pig after the run and can include the spare parts that were needed as well as any painting or cleaning that was also needed to get the pig ready for it's next run.


**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

[HOME](#)
[TRACKER](#)
[PIGS](#)
[STOCK](#)
[SIGN OUT](#)


[Pipelines2Data](#) > [P2D Client Company 1](#) > [P2D001 : 16" MCH to DUN](#) > [2008s-CCR1-PRJ-001](#) > [1 - MUR-02 \(Planned : 22 Apr 2010\)](#)

[Pig Run Details](#) | [Condition Report](#) | [Maintenance](#) | [Run Documentation](#)

**Pig Maintenance**

Date:

Title:

Labour Hours:

Painting Required: ☐

Cleaning Required: ☐

Grit Blasting Required: ☐

Third Party Work Required: ☐

**MAINTENANCE PARTS**

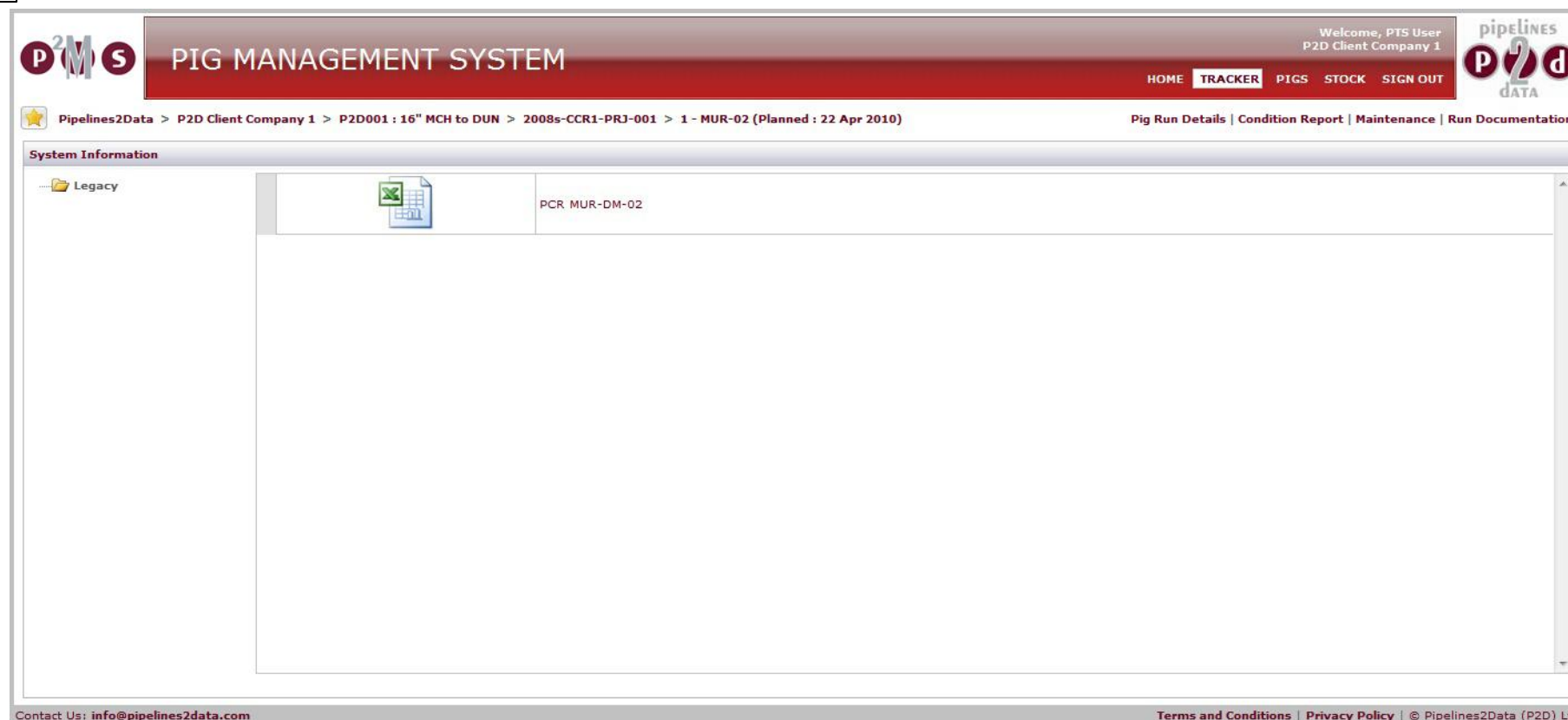
Part No	Description	Quantity
Maintenance Comments: <div> </div>		

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### 1.3.6.3 System Information

The System Information screen is accessed from the right hand side menu options on the bread crumb displayed at pig run detail level.



The System Information tab shows all file uploads that have been added for this pig run, this can include any files and there is an option of loading these files into separate folders which are displayed in the left hand side of the window. You can navigate to another folder by simply clicking it. Clicking a folder will then refresh the right hand side which will list all the files that have been uploaded in the selected folder.

## 1.4 The PMS Pig Section

The pig page is the area of the Pig Management System where all the details about your pigs is accessible from.

The page is divided into two main areas, the left hand area is where you can put in details to find the pig that you want to know details about. The right hand side changes depending on what details of your pig you are looking at.



The screenshot shows the Pig Management System (PMS) web application. The header features the PMS logo on the left, the title "PIG MANAGEMENT SYSTEM" in the center, and a navigation menu on the right with links: HOME, TRACKER, PIGS (highlighted), STOCK, and SIGN OUT. A user greeting "Welcome, PTS User P2D Client Company 1" is also present. The main content area is divided into two sections. The left section, titled "Pig Selector", contains "FILTER OPTIONS" with input fields for "Pig Name", "Pig Type" (set to "All Pig Types"), "Pipeline" (set to "All Pipelines"), and "Client" (set to "P2D Client Company 1"), along with a "FILTER" button. Below this is a "PIG RESULTS" section with a large empty box and a "Select Pig" link at the bottom. The footer includes contact information "Contact Us: info@pipelines2data.com" and legal links "Terms and Conditions | Privacy Policy | © Pipelines2Data (P2D) Ltd".

This part of the application can be broken down into seven different areas of functionality

1. [Finding Your Pig](#)
2. [Pig Details](#)
3. [Pig Runs](#)
4. [Pig Condition Reports](#)
5. [Maintenance History](#)
6. [Logistics](#)
7. [System Information](#)

## 1.4.1 Finding Your Pig

To find you pig you use the Pig Selector which is positioned on the left hand side of the Pig screen that is opened by default when you click the menubar link.



At the top of the Pig Selector you will see a button which has a yellow star inside. Pressing this button hides the pig selector from view and allows the detail panel on the right hand side to take up the whole width of your screen. This can be very useful if you are working on a lower resolution monitor as you will be able to see a lot more of the detail information. Pressing the star button again will unhide the tree.

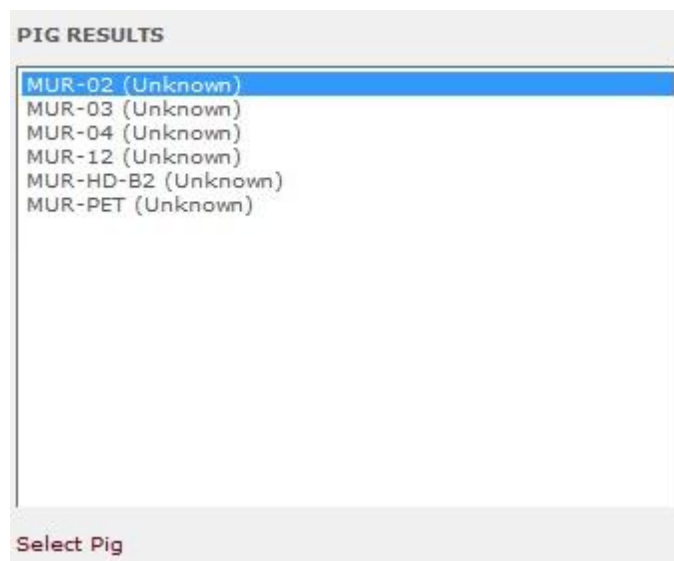
The text next to this button is called a "bread crumb" and shows you exactly what pig you have selected which can be most helpful especially when the tree is hidden.



You can search for your pig in four different ways, there are

- By the Pig Name, this box takes wildcards so you can bring back all pigs beginning with P by typing in P% in the box.
- You can search by Pig Type by selecting the type of pig that you are looking for in the dropdown list.
- You can search by the Pipeline that your pig has been used on by selecting the pipeline from the dropdown list.
- You can select the company that owns the pig.

To bring back a list of all your pigs you can leave everything as default and just press the filter button. Your search results are brought back in the list like shown below with the pig name and its current location in brackets.



To see the information about you pig select it in the Pig Results window and then click the Select Pig link underneath the result box.

## 1.4.2 Pig Details

When you select a pig from the Pig Results displayed in the Pig Selector the default page that is opened up is that of Pig Details. An example of this screen is shown below.

**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

HOME TRACKER **PIGS** STOCK SIGN OUT

MUR-02

Pig Details | Pig Runs | Pig Condition Reports | Maintenance History | Logistics | Pig Documentation

**Pig Selector**

**FILTER OPTIONS**

Pig Name:

Pig Type: All Pig Types

Pipeline: All Pipelines

Client: P2D Client Company 1

**FILTER**

**PIG RESULTS**

- MUR-02 (Unknown)
- MUR-03 (Unknown)
- MUR-04 (Unknown)
- MUR-12 (Unknown)
- MUR-HD-B2 (Unknown)
- MUR-PET (Unknown)

Select Pig

**Pig Details**

ID: MUR-02

Client: P2D Client Company 1

Pig Type: BIDI

Pig Description: BiDi 2+2 Slotted Guides No Brushes

Current Location: Unknown

**PARTS**

Part No	Description	Quantity	Price
1	16" st/st Pig Seal Disc	3	0
2	16" st/st Pig Guide Disc	3	0
3	16" st/st Pig Spacer Disc	6	0
4	16" st/st Pig Magnet Disc	2	0
5	16" st/st Pig Bumper Nose	1	0
6	16" st/st Pig Brushes (Flat)	4	0

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This screen shows you the pig identifier, the client it belongs to, it's type description and current location from the logistics tab.

The table below these main details lists all the stock parts that this pig uses together with the quantity of the item used.


### 1.4.3 Pig Runs

This screens gives you the details of all the runs this pig has made as part of a pigging programme is was/is scheduled to make at this point in time. The details are presented in a table which can be exported to Microsoft Excel.


**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

[HOME](#)
[TRACKER](#)
[PIGS](#)
[STOCK](#)
[SIGN OUT](#)



★ MUR-02

[Pig Details](#) | [Pig Runs](#) | [Pig Condition Reports](#) | [Maintenance History](#) | [Logistics](#) | [Pig Documentation](#)

**Pig Selector**

**FILTER OPTIONS**  
Pig Name:   
Pig Type: All Pig Types  
Pipeline: All Pipelines  
Client: P2D Client Company 1

**PIG RESULTS**  
MUR-02 (Unknown)  
MUR-03 (Unknown)  
MUR-04 (Unknown)  
MUR-12 (Unknown)  
MUR-HD-B2 (Unknown)  
MUR-PET (Unknown)  
  
Select Pig

**Pig Runs**

P2D Project Num	#	Phase	Planned	Planned Run Duration	Flowrate	Launch	Received	Soft Wax	Hard Wax
2009-PPROJ	2	Phase 1	24/05/2011	1.5	0 m3/s			0 kg	0 kg
2009-PPROJ	3	Phase 1	24/05/2011	1.5	0 m3/s			0 kg	0 kg
2009-PPROJ	1	Phase 1	16/05/2011	2	0 m3/s			0 kg	0 kg
2008s-CCR1-PRJ-001	10	Phase 1	29/09/2010	5	0 m3/s			0 kg	0 kg
2008s-CCR1-PRJ-001	9	Phase 1	21/09/2010	1	0 m3/s			0 kg	0 kg
2008s-CCR1-PRJ-001	8	Phase 1	09/09/2010	2	0 m3/s	07-Sep-10 00:00	10-Sep-10 00:00	0 kg	0 kg
2008s-CCR1-PRJ-001	11	Phase 1	07/09/2010	0	0 m3/s			0 kg	0 kg
2008s-CCR1-PRJ-001	7	Phase 1	01/07/2010	3	0 m3/s	07-Jul-10 00:00	13-Jul-10 00:00	0 kg	0 kg
2008s-CCR1-PRJ-001	6	Phase 1	05/06/2010	4	0 m3/s	05-Jun-10 00:00	08-Jun-10 00:00	0 kg	0 kg
2010-PPROJ	1	Phase 1	18/05/2010	1	100 m3/s	23-May-10 00:00	24-May-10 00:00	15 kg	4 kg
2008s-CCR1-PRJ-001	1	Phase 1	22/04/2010	0	0 m3/s			15 kg	18 kg

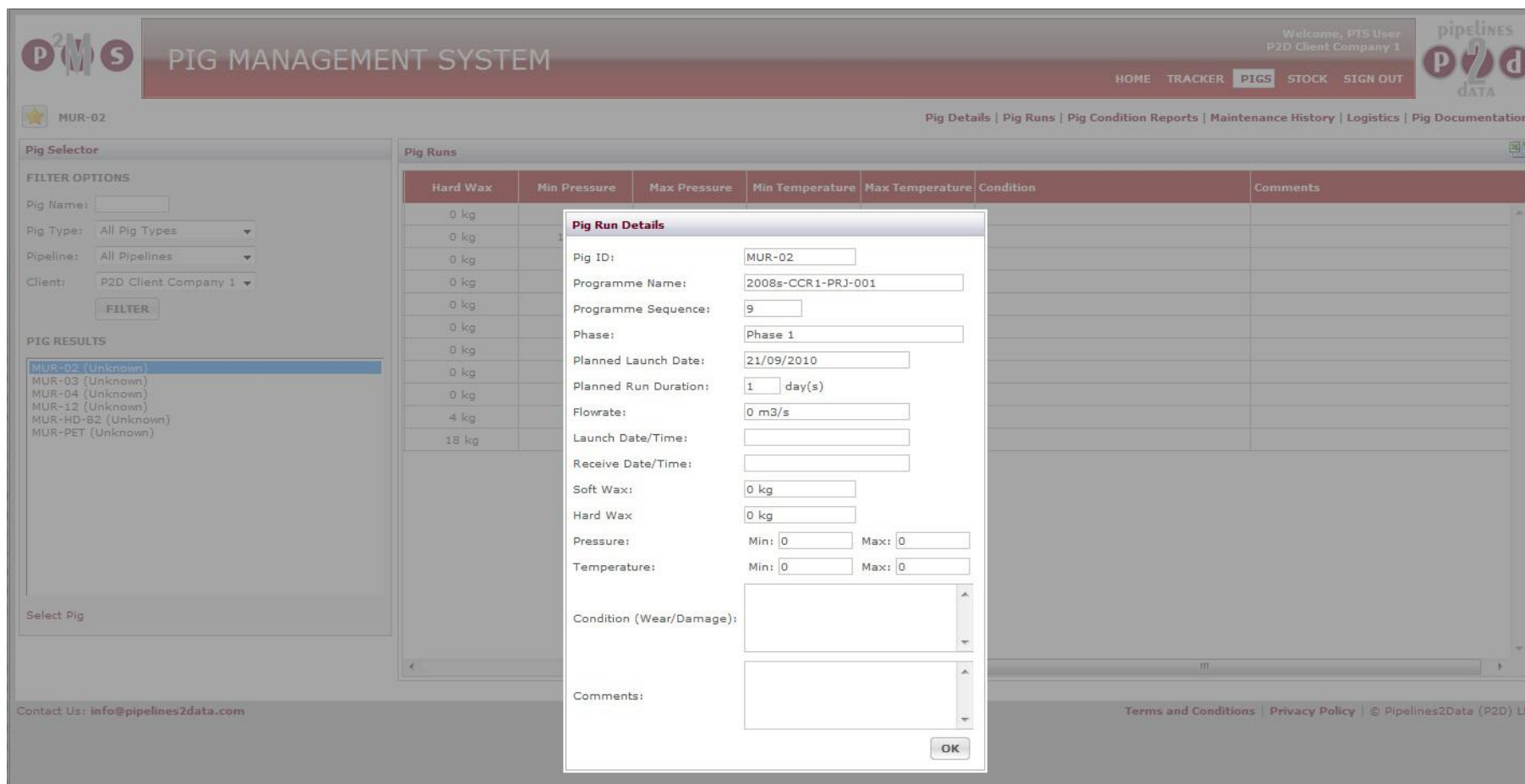
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The details in the table list all of the pig runs details that are stored by the application

- The Pipelines Programme Project Number
- The run number from the programme
- The phase of the programme
- The planned run date
- The planned run duration
- The flowrate through the pipeline during the run
- The actual launch and receive date assuming the run was made
- The amount of soft and hard wax that was recovered during the run in the unit of measure used by the particular programme

- The minimum and maximum pressure recorded during the run
- The minimum and maximum temperature recorded during the run
- The general condition of the pig after the run
- Any comments that were made about the pig run

Please note the final few columns are not visible on the screen without using the scroll bar positioned underneath the grid. Double clicking a line brings up all the details in a little popup form to make the details easier to read.



**Pig Selector**

**FILTER OPTIONS**

Pig Name:

Pig Type:

Pipeline:

Client:

**FILTER**

**PIG RESULTS**

- MUR-02 (Unknown)
- MUR-03 (Unknown)
- MUR-04 (Unknown)
- MUR-12 (Unknown)
- MUR-HD-B2 (Unknown)
- MUR-PET (Unknown)

Select Pig

**Pig Runs**

Hard Wax	Min Pressure	Max Pressure	Min Temperature	Max Temperature	Condition	Comments
0 kg						
0 kg						
0 kg						
0 kg						
0 kg						
0 kg						
0 kg						
0 kg						
4 kg						
18 kg						

**Pig Run Details**

Pig ID:

Programme Name:

Programme Sequence:

Phase:

Planned Launch Date:

Planned Run Duration:  day(s)

Flowrate:

Launch Date/Time:

Receive Date/Time:

Soft Wax:

Hard Wax:

Pressure: Min:  Max:

Temperature: Min:  Max:

Condition (Wear/Damage):

Comments:

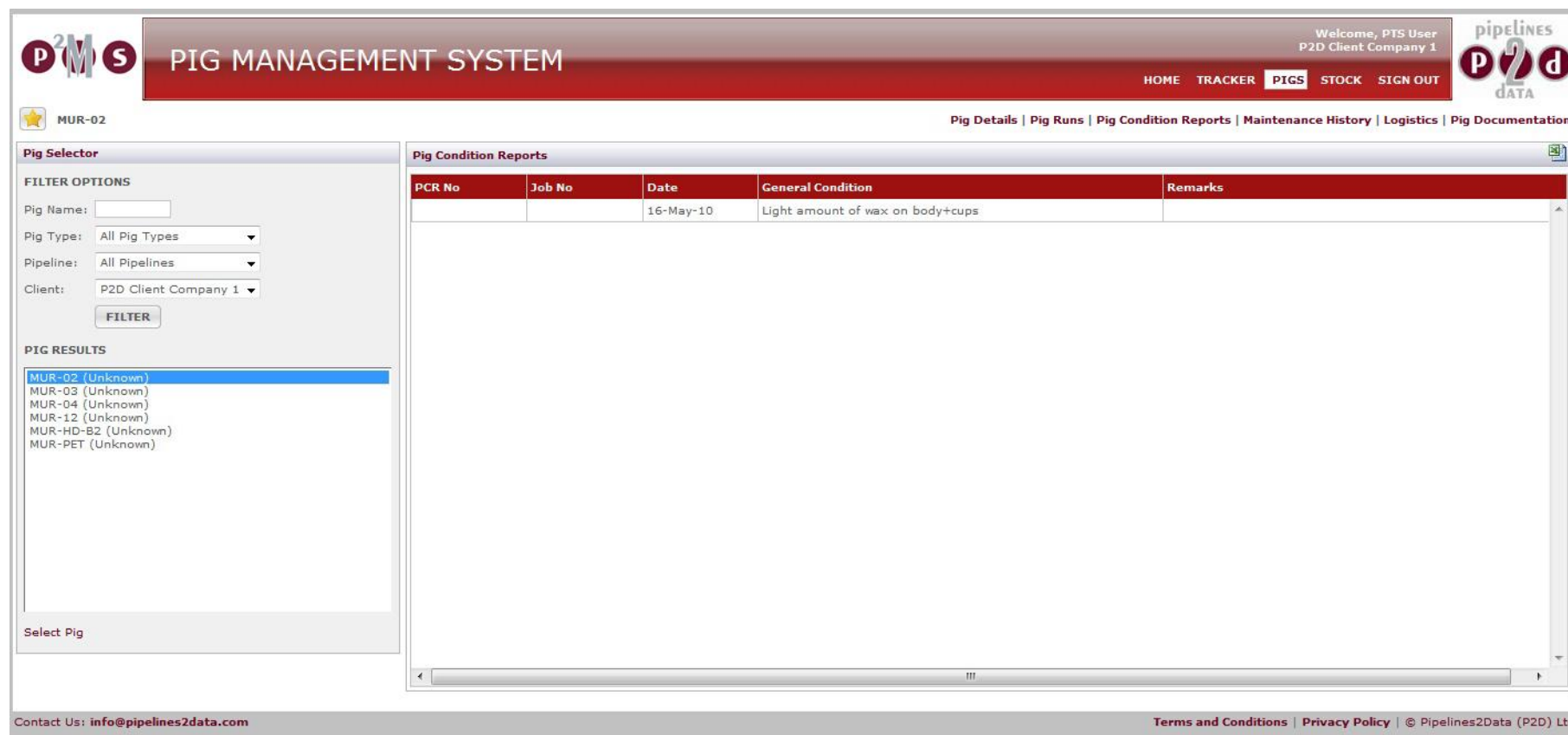
**OK**

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## 1.4.4 Pig Condition Reports

This screens gives you a list of all the Pig Condition Reports that have been made for this pig during it's lifetime. The details are presented in a table which can be exported to Microsoft Excel.



**Pig Selector**

**FILTER OPTIONS**

Pig Name:

Pig Type:

Pipeline:

Client:

**FILTER**

**PIG RESULTS**

- MUR-02 (Unknown)
- MUR-03 (Unknown)
- MUR-04 (Unknown)
- MUR-12 (Unknown)
- MUR-HD-B2 (Unknown)
- MUR-PET (Unknown)

Select Pig

**Pig Condition Reports**

PCR No	Job No	Date	General Condition	Remarks
		16-May-10	Light amount of wax on body+cups	

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The table lists the following details

- The unique pig condition report number
- The job number
- The date the PCR was done

- The details entered into the general condition box of the PCR
- The remarks that were made

Double clicking a line brings up all the details in a little popup form to make the details easier to read.

**Pig Condition Report Details**

PCR No:  Job No:

Date:  Transit Time:

Length:  Product Type:

Tool Type:

PET or Transmitted Filtered? ☐

Wax Sample Required? ☐

Hazardous Contaminants Present (e.g. LDA, Mercury)? ☐

What percentage of wear have sealing discs received?

Is the wear even around the circumferenced of the seal? ☐

Wear on Receipt:

	a (mm)	b (mm)	c (mm)	d (mm)
Front Guide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Front Guide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Seal 5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Diagram showing dimensions a and b on a cross-section of a pig body.

OK

Because there are so many details stored on a Pig Condition Report this window scrolls. A list of what this window shows is shown below.



- PCR No
- Job No
- Date
- Length of Run
- Transit Time
- Tool type used on pig
- Product type(s) in pipeline
- Was there a PET of Transmitter fitted
- Was a wax sample required
- Any hazardous contaminants present
- How worn were the sealing discs
- Was the wear on the seals even
- The specific wear in four locations (as depicted by the diagram) of every seal on the pig including the rear guide(s)
- A picture of the pig wear details
- A description of the pig wear details
- The pig's general condition
- A description of the damage if any to the guide disc(s)
- A description of the damage if any to the sealing disc(s)
- A description of the damage if any to the bumper nose
- Any general remarks
- Who completed the PCR and when
- Up to six pictures of the pig

### 1.4.5 Maintenance History

This screen gives you a list of all the Pig Maintenance History records that have been made for this pig during its lifetime. The details are presented in a table which can be exported to Microsoft Excel.

**PIG MANAGEMENT SYSTEM**

Welcome, PTS User  
P2D Client Company 1

HOME TRACKER **PIGS** STOCK SIGN OUT

Pig Details | Pig Runs | Pig Condition Reports | Maintenance History | Logistics | Pig Documentation

**Pig Selector**

**FILTER OPTIONS**

Pig Name:

Pig Type: All Pig Types

Pipeline: All Pipelines

Client: P2D Client Company 1

**FILTER**

**PIG RESULTS**

- MUR-02 (Unknown)
- MUR-03 (Unknown)
- MUR-04 (Unknown)
- MUR-12 (Unknown)
- MUR-HD-B2 (Unknown)
- MUR-PET (Unknown)

Select Pig

**Pig Maintenance History**

Date	Title	Painting	Cleaning	Blasting	3rd Party	Labour	Comments
27-Apr-10	General Maintenance after Run	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	Maintenance checked, pig ready to go out on next run

Contact Us: [info@pipelines2data.com](mailto:info@pipelines2data.com)

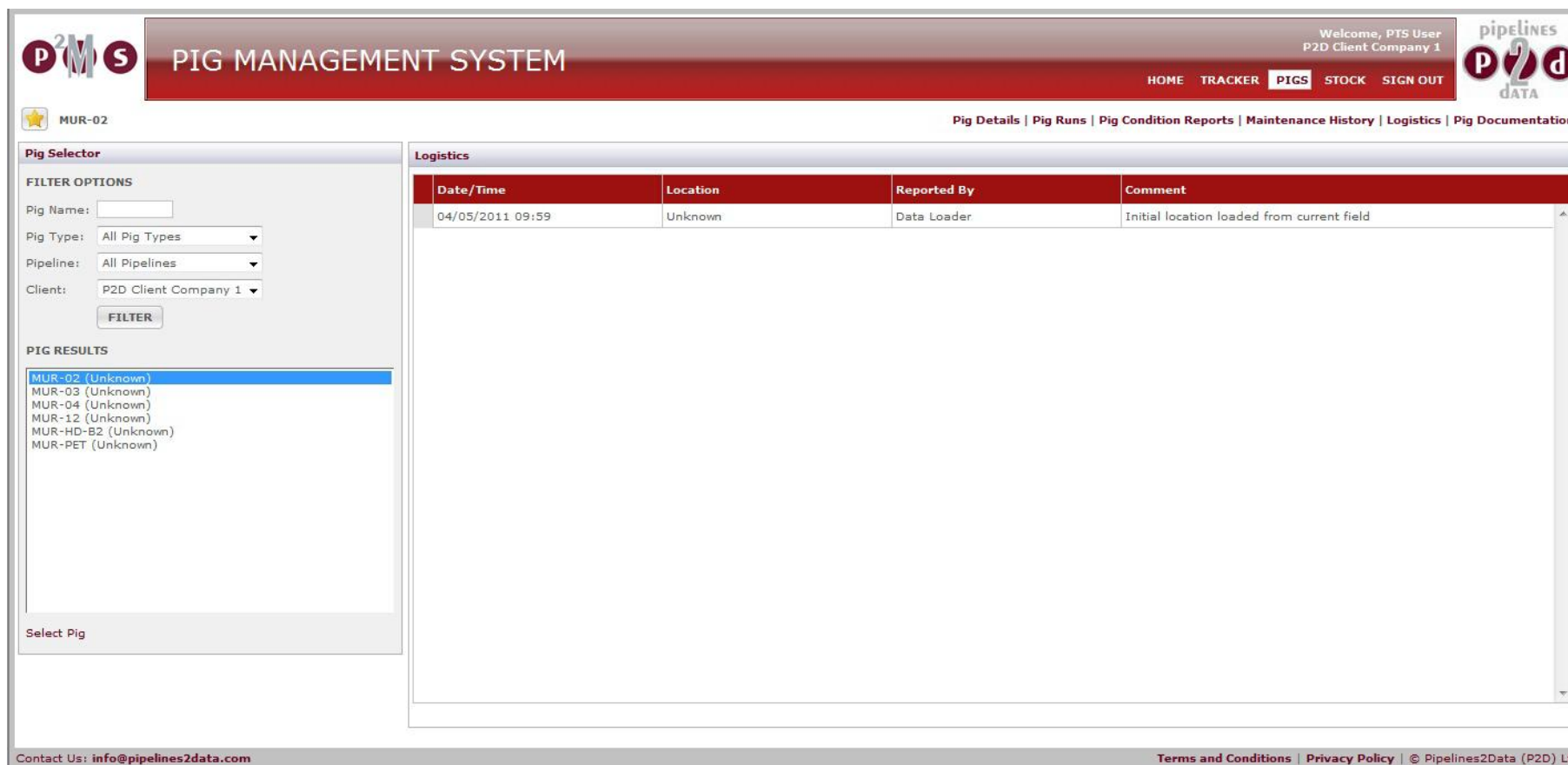
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The details in the table are as follows

- Date of maintenance
- Title or description of maintenance
- Was painting required
- Was cleaning required
- Was grit blasting required
- Was their 3rd party maintenance needed
- Labour hours expended
- Comments about the Maintenance

## 1.4.6 Logistics

This screens tracks the location of the pig during its use in a programme including it's transit back to the Pipelines2Data offices for checking and maintenance before it returns to the offshore location to be used on the next run.



The screenshot displays the Pig Management System (PMS) interface. The top navigation bar includes links for HOME, TRACKER, PIGS, STOCK, and SIGN OUT. The user is logged in as 'PTS User' from 'P2D Client Company 1'. The main content area is divided into two panels. The left panel, titled 'Pig Selector', shows filter options for Pig Name, Pig Type, Pipeline, and Client, along with a 'FILTER' button. Below this, a list of pig results is shown, with 'MUR-02 (Unknown)' selected. The right panel, titled 'Logistics', displays a table with columns for Date/Time, Location, Reported By, and Comment. The table contains one record for '04/05/2011 09:59' at 'Unknown' location, reported by 'Data Loader' with the comment 'Initial location loaded from current field'.

Date/Time	Location	Reported By	Comment
04/05/2011 09:59	Unknown	Data Loader	Initial location loaded from current field

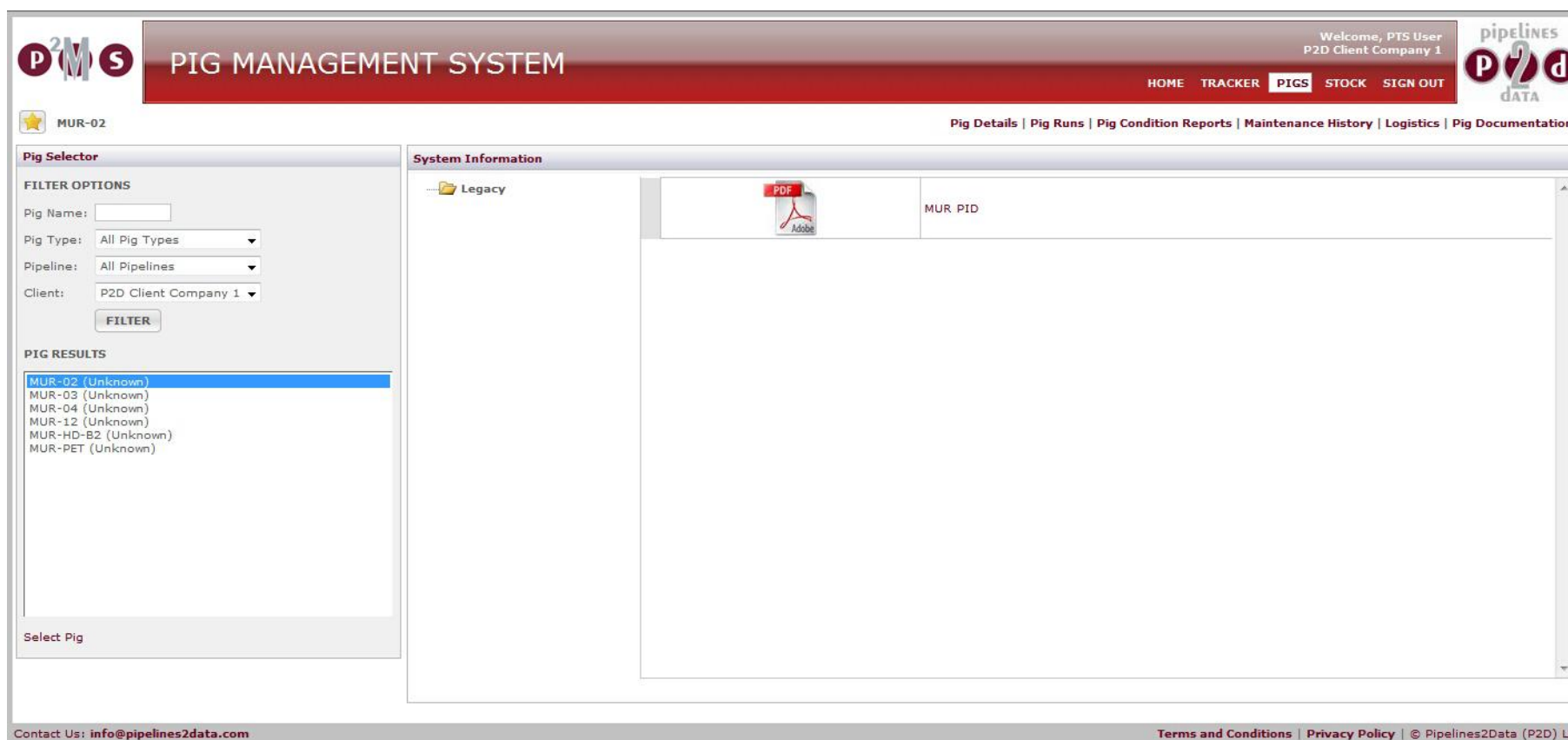
The grid lists all the logistic information for the selected pig including

- The date and time of the logistics record
- The location of the pig at that time

- Who reported the location
- Any comment regarding this recor

### 1.4.7 System Information

The system information screens shows all documentation for the pig. The System Information tab shows all file uploads that have been added for this pig, this can include any files and there is an option of loading these files into separate folders which are displayed in the left hand side of the window. You can navigate to another folder by simply clicking it. Clicking a folder will then refresh the right hand side which will list all the files that have been uploaded in the selected folder.



The screenshot displays the PIG MANAGEMENT SYSTEM interface. The top navigation bar includes the P2D logo, the system name, and user information: "Welcome, PTS User P2D Client Company 1". Navigation links include HOME, TRACKER, PIGS (active), STOCK, and SIGN OUT. A secondary navigation bar lists: Pig Details | Pig Runs | Pig Condition Reports | Maintenance History | Logistics | Pig Documentation.



The main interface is divided into two panels. The left panel, titled "Pig Selector", contains "FILTER OPTIONS" with fields for Pig Name, Pig Type (All Pig Types), Pipeline (All Pipelines), and Client (P2D Client Company 1), along with a FILTER button. Below this is a "PIG RESULTS" list showing several entries, with "MUR-02 (Unknown)" selected. A "Select Pig" button is at the bottom of this panel.

The right panel, titled "System Information", shows a "Legacy" folder icon. The main content area displays a PDF icon and the label "MUR PID".

The footer contains contact information: "Contact Us: info@pipelines2data.com" and links for "Terms and Conditions", "Privacy Policy", and copyright notice: "© Pipelines2Data (P2D) Ltd".

## 1.5 The PMS Stock Information

The stock links shows a list of all parts used by your pigs. It includes a part number a description of the part and the quantity currently held in stock by Pipelines2Data. Like most grids in the application this can be exported in a Microsoft Excel format.

<div>  <b>PIG MANAGEMENT SYSTEM</b> </div> <div> Welcome, PTS User P2D Client Company 1 </div> <div> <a href="#">HOME</a> <a href="#">TRACKER</a> <a href="#">PIGS</a> <a href="#">STOCK</a> <a href="#">SIGN OUT</a> </div> <div>  </div>		
Stock Items		
Part No	Description	Quantity
1	16" st/st Pig Seal Disc	0
10	NAB to CA 12" Pigs Bumper Nose	0
11	NAB to CA 12" Pigs Brushes (Triangular)	0
12	NAB to CA 12" Pigs M16 x 400 Long Hex Bolt	0
13	Murcison 16" Single Bodied Pigs Seal Disc	0
14	Murcison 16" Single Bodied Pigs Guide Disc	0
15	Murcison 16" Single Bodied Pigs Spacer Disc	0
16	Murcison 16" Single Bodied Pigs Bumper Nose	0
17	Murcison 16" Single Bodied Pigs M12 x 270 Long Hex Bolt	0
18	Murcison 16" Single Bodied Pigs M12 Nyloc Nut	0
19	Murcison 16" Single Bodied Pigs Brushes	0
2	16" st/st Pig Guide Disc	0
3	16" st/st Pig Spacer Disc	0
4	16" st/st Pig Magnet Disc	0
5	16" st/st Pig Bumper Nose	0
6	16" st/st Pig Brushes (Flat)	0
7	NAB to CA 12" Pigs Seal Disc	0
8	NAB to CA 12" Pigs Guide Disc	0
9	NAB to CA 12" Pigs Spacer Disc	0