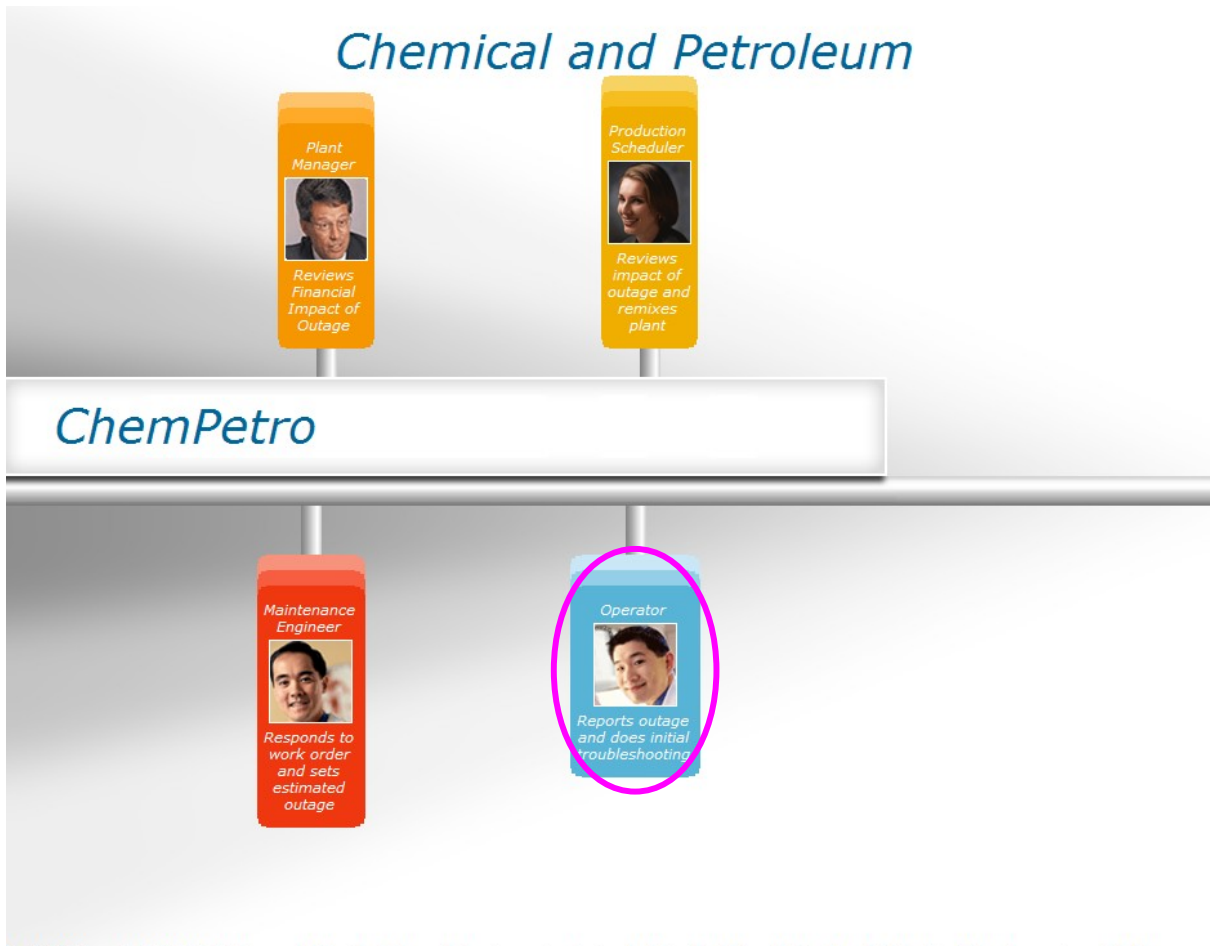




Day in the Life Demo of Chemicals & Petroleum intelligent Plant (iPlant)



Role: Splash



Role: Operator

My Portal | Edit my profile | Logout

Advanced Search

My Home | My Workspace | My Dashboard | My Email | EquipmentInfo

My Favorites

Login Edit | ? - X

User ID:

Password:

Not registered? [Sign up](#)

Role: Operator

My Portal | Edit my profile | Logout

Advanced Search

My Home | My Workspace | My Dashboard | My Email | EquipmentInfo | My Favorites

Plant Injury Profile

Plant Injury Incident - 2006

Global OII rate = 1.0

Global OII cases = 24

Days since last OII = 57

News

iPlant External News

[Thailand: Major downgrades didn't appear](#) Thai News Service, September 01 2006, 154 words

[California Inventors Develop Titanium-Containing Interference Pigments](#) US Fed News, August 31 2005, 394 words

[Tekla Corporation enters into cooperation with Lujabetoni Oy](#) Nordic Business Report, August 21 2006, 111 words

[Investors Chronicle: MICHELMERSH BRICK \(MBH\)](#). Investors Chronicle, August 26 2006, 247 words

My Contacts

People | Options

Work

- Martha Jenkins
- George Roberts
- Karen Fields

My News

My News and Information

The Edge offers numerous news resources including news reader, newsletters and reference links.

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My Applications

iPlant Favorites

- ABB**
- SAP
- SAP
- e-Center
- Extensity
- WebEX
- Portal Training
- Process Quality Management
- Kline Online
- Legal
- Procurement

Role: Operator

The screenshot displays the 'Process Area' graphical user interface. The main window shows a process diagram with a central tank and two smaller tanks. A valve on the left pipe is circled in red. The interface includes a left-hand navigation tree, a top menu bar, and a bottom navigation grid.

Functional Structure	Aspects of 'Process Area'	Modified	Desc...	Inherited	Category name	Version
800xA shortcut		4/19/2005 1:51:0...	Take...	False	Shortcuts	ver 1.0
ABB Web Page		9/24/2003 3:33:2...	Web ...	True	Web Page	ver 1.0
Asset Reporter		5/15/2006 10:53:...	This ...	False	Asset Reporter	ver 1.0
Asset Status Key		11/11/2003 9:01:...	C:\Pr...	True	Support Inform...	ver 1.0
Asset Viewer		4/20/2005 9:07:5...		False	Asset Viewer	ver 1.0
Calculation		5/8/2006 2:32:07...		False	Calculation	ver 1.0
Demo CFA Type Reference		4/19/2005 1:51:0...		False	Demo CFA	ver 1.0

Process Area

Asset Status

Functional Structure

- Process Area, Demo CFA
 - Flowmeter201R
 - Flowmeter101L
 - Agitator101L
 - Agitator201R
 - Valve100
 - Pump100

System Architecture Operations Device Management Production Management Investment Enhancement

Control and I/O Engineering Asset Optimization Information Management Safety

Role: Operator

Aspects of 'Process Area'	Modified	Desc...	Inherited	Category name	Version
800:A shortcut	4/19/2005 1:51:0...	Take...	False	Shortcuts	ver 1.0
ABB Web Page	9/24/2003 3:33:2...	Web ...	True	Web Page	ver 1.0
Asset Reporter	5/15/2006 10:53:...	This ...	False	Asset Reporter	ver 1.0
Asset Status Key	11/11/2003 9:01:...	C:\Pr...	True	Support Inform...	ver 1.0
Asset Viewer	4/20/2005 9:07:5...		False	Asset Viewer	ver 1.0
Calculation	5/8/2006 2:32:07...		False	Calculation	ver 1.0
Demo CFA Type Reference	4/19/2005 1:51:0...		False	Demo CFA	ver 1.0

Asset Status	
Functional Structure	
[-] Process Area, Demo CFA	
[-] Flowmeter201R	
[-] Flowmeter101L	
[-] Agitator101L	
[-] Agitator201R	
[-] Valve100	
[-] Pump100	

Role: Operator

The screenshot displays a web-based operator interface for a process area. The browser window is titled 'Untitled Document - Microsoft Internet Explorer'. The interface is divided into several sections:

- Left Panel:** A 'Functional Structure' tree showing a hierarchy of assets and process areas.
- Top Panel:** A table titled 'Aspects of Process Area' with columns for Modified, Desc..., Inherited, Category name, and Version.
- Main Display:** A 3D process diagram showing a central agitator tank with green liquid, connected to two side tanks. The diagram includes flow meters (13.0 and 11.0) and control buttons like 'Generate Flowmeter Fault', 'Reset Agitator Fault', and 'Overview'. The IBM and ABB logos are present.
- Right Panel:** An 'Asset Status' panel showing a 'Functional Structure' tree with checked items like 'Process Area', 'Flowmeters201R', 'Agitator201R', etc.
- Bottom Panel:** A navigation bar with buttons for 'System Architecture', 'Operations', 'Device Management', 'Production Management', 'Investment Enhancement', 'Control and I/O', 'Engineering', 'Asset Optimization', 'Information Management', and 'Safety'.
- Log Window:** A scrollable log window at the bottom center of the main display showing maintenance work orders and status warnings.

Modified	Desc...	Inherited	Category name	Version
4/19/2005 1:51:0...	ABB 800xA shortcut	False	Shortcuts	ver 1.0
9/24/2003 3:33:2...	ABB Web Page	True	Web Page	ver 1.0
5/15/2006 10:53:...	Asset Reporter	False	Asset Reporter	ver 1.0
11/11/2003 9:01:...	Asset Status Key	True	Support Inform...	ver 1.0
4/20/2005 9:07:5...	Asset Viewer	False	Asset Viewer	ver 1.0
5/8/2006 2:32:07...	Calculation	False	Calculation	ver 1.0
4/19/2005 1:51:0...	Demo CFA Type Reference	False	Demo CFA	ver 1.0

Role: Operator

The screenshot displays the iPlant portal interface for an Operator role. The top navigation bar includes links for 'My Portal', 'Edit my profile', and 'Logout'. A search bar with a 'Go' button and 'Advanced Search' text is also present. The main navigation menu features 'My Home', 'My Workspace', 'My Dashboard', 'My Email', and 'EquipmentInfo' (highlighted with a red circle), along with a 'My Favorites' dropdown.

The main content area is divided into several sections:

- Plant Injury Profile** (Edit | ? - X):
 - Plant Injury Incident - 2006**
 - Global OII rate = 1.0
 - Global OII cases = 24
 - Days since last OII = 57
- News** (Edit | ? - X):
 - iPlant External News**
 - [Thailand: Major downgrades didn't appear](#) Thai News Service, September 01 2006, 154 words
 - [California Inventors Develop Titanium-Containing Interference Pigments](#) US Fed News, August 31 2005, 394 words
 - [Tekla Corporation enters into cooperation with Lujabetoni Oy](#) Nordic Business Report, August 21 2006, 111 words
 - [Investors Chronicle: MICHELMERSH BRICK \(MBH\)](#). Investors Chronicle, August 26 2006, 247 words
- My Contacts** (Edit | ? - X):
 - People ▾ Options ▾
 - ▶ Work
 - [Martha Jenkins](#)
 - [George Roberts](#)
 - [Karen Fields](#)
- My News** (Edit | ? - X):
 - My News and Information**
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- My Applications** (Edit | ? - X):
 - iPlant Favorites**
 - [ABB](#)
 - [SAP](#)
 - [SAP](#)
 - [e-Center](#)
 - [Extensity](#)
 - [WebEX](#)
 - [Portal Training](#)
 - [Process Quality Management](#)
 - [Kline Online](#)
 - [Legal](#)
 - [Procurement](#)

Role: Operator

The screenshot displays a web application interface for an Operator role. At the top, there is a navigation bar with links for 'My Portal', 'Edit my profile', and 'Logout'. Below this is a search bar with a 'Go' button and an 'Advanced Search' link. The main navigation menu includes 'My Home', 'My Workspace', 'My Dashboard', 'My Email', and 'EquipmentInfo' (which is currently selected), along with a 'My Favorites' dropdown.

The interface is divided into two main panes:

- ACM Equipment Tree:** This pane shows a hierarchical tree structure. The root is 'Plant', which contains 'SCRUBBER'. Under 'SCRUBBER' are 'SCRUBBER COMMON EQUIPMENT' and 'U1 RECYCLE PUMPS'. Under 'U1 RECYCLE PUMPS' are four items: '11 RECYCLE PUMP' (circled in red), '12 RECYCLE PUMP', '13 RECYCLE PUMP', and '14 RECYCLE PUMP'. Below these is 'UNIT 01'. There is an 'End' button at the bottom right of this pane.
- ACM Entity Detail:** This pane is currently empty and displays the message: 'No item is selected in the equipment tree...'.

Role: Operator

The screenshot displays a web-based interface for equipment management. At the top, there are navigation links: "My Portal", "Edit my profile", and "Logout". Below this is a search bar with a "Go" button and an "Advanced Search" link. A main navigation bar includes "My Home", "My Workspace", "My Dashboard", "My Email", "EquipmentInfo" (which is active), and "My Favorites".

The interface is split into two main panels:

- ACM Equipment Tree:** Shows a hierarchical view of equipment. Under "Plant", there is a "SCRUBBER" folder containing "SCRUBBER COMMON EQUIPMENT" and "U1 RECYCLE PUMPS". Under "U1 RECYCLE PUMPS", there are four pump entries: "11 RECYCLE PUMP", "12 RECYCLE PUMP", "13 RECYCLE PUMP", and "14 RECYCLE PUMP". Below these is a "UNIT 01" folder.
- ACM Entity Detail:** Provides information for the selected "11 RECYCLE PUMP".
 - Name:** 11 RECYCLE PUMP
 - Type:** PUMP [Pump]
 - Id:** AST-000074
 - Tag:** 22-PU-11 / 10087
 - Manu.:** WARMAN
 - Manu. Code:** (empty)
 - Model:** 800TYGSL
 - Serial:** MDS18473M
 There are also "Alerts" and "Status" icons. Below the entity details are tabs for "Notes", "BOM", "Maintenance", "Work Packages", "Documents", "Photographs", "Attributes", and "Contacts".

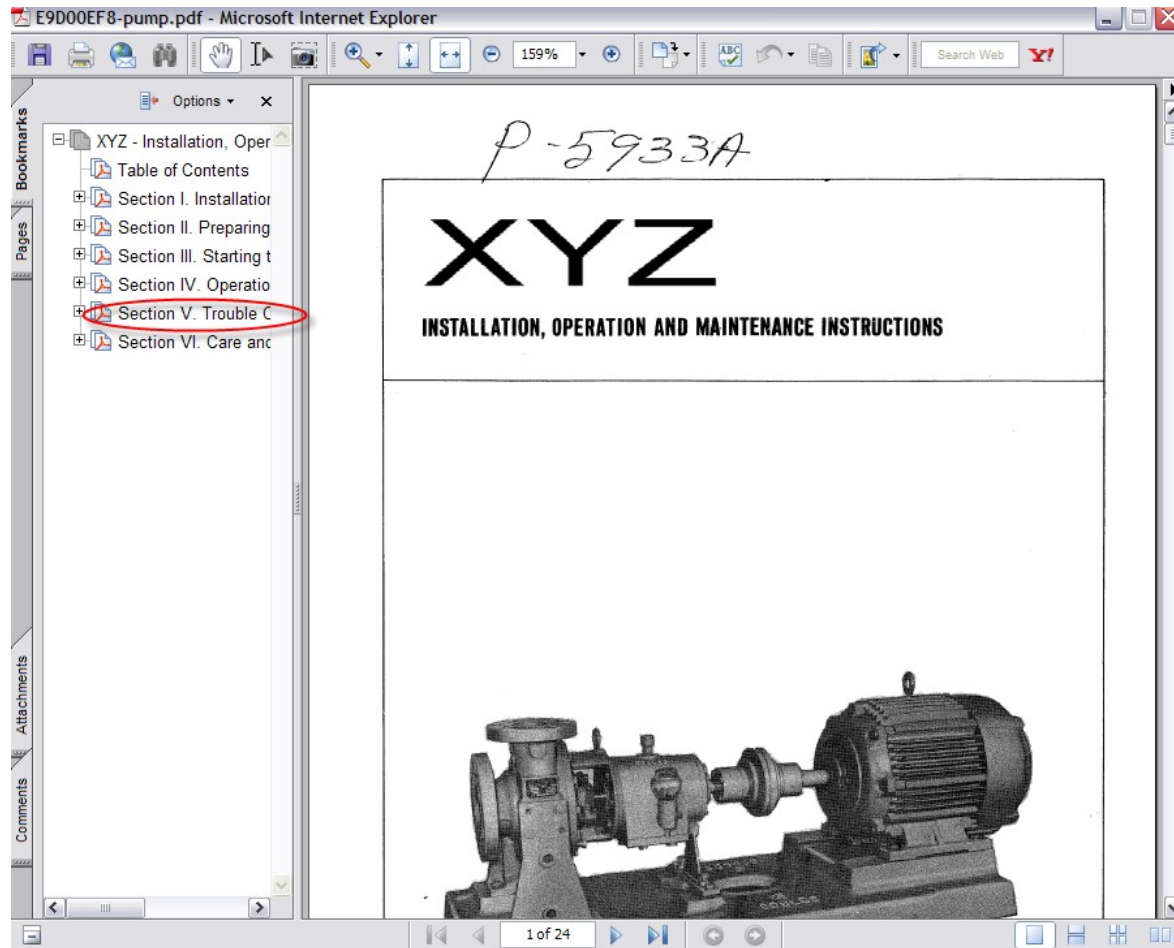
 The "Documents" tab is active, showing a list of documents under the heading "Book type: <All Book types>". The list includes:

Book Name	Book...
XYZ Installation, Operation and Maintenance Instructions f...	Parts ...
XYZ Pump Performance Curves	Drawings
XYZ Installation, Operation and Maintenance Instructions f...	Opera...
XYZ - Durco Mark II & III Self-Priming Pumps	Miscell...
REAGENT FEED PUMPS_Photographs	Photo...

 The third row in this table is circled in red.

 At the bottom right of the "ACM Entity Detail" panel, there is an "End" button.

Role: Operator



Role: Operator

E9D00EF8-pump.pdf - Microsoft Internet Explorer

Options

Bookmarks

- XYZ - Installation, Oper
- Table of Contents
- Section I. Installation
- Section II. Preparing
- Section III. Starting t
- Section IV. Operatio
- Section V. Trouble C**
- Section VI. Care anc

Pages

Attachments

Comments

SECTION V – TROUBLE CHECK LIST

V–A. NO LIQUID DELIVERED.

1. Priming-casing and suction pipe not completely filled with liquid.
- *2. Speed too low.
3. Discharge head too high. Check total head (particularly friction loss).
4. Suction lift too high (suction pipe may be too small or long, causing excessive friction loss). Check with vacuum or compound gauge.
5. Impeller or suction pipe or opening completely plugged.
6. Wrong direction of rotation.
7. Air pocket in suction line.
8. Stuffing box packing worn — or liquid seal plugged — allowing leakage of air into pump casing.
9. Air leak in suction line.
10. Not enough suction head for hot or volatile liquids. Check carefully as this is a frequent cause of trouble on such service. See Sections I-K and III-C.

V–B. NOT ENOUGH LIQUID DELIVERED.

1. Priming-casing and suction pipe not completely filled with liquid.
- *2. Speed too low.
3. Discharge head higher than anticipated. Check total head (particularly friction loss).
4. Suction lift too high (suction pipe may be too small or long, causing excessive friction loss). Check with vacuum or compound gauge.
5. Impeller or suction pipe or opening partially plugged.
6. Wrong direction of rotation.
7. Air pocket in suction line.
8. Stuffing box packing worn — or liquid seal

12. Foot valve or suction pipe not immersed deep enough.
13. Mechanical defects:
 - Impeller clearance too great. (Worn wearing rings).
 - Impeller damage.

V–C. NOT ENOUGH PRESSURE.

- *1. Speed too low.
2. Air or gases in liquid.
3. Impeller diameter may be too small.
4. Mechanical defects:
 - Impeller clearance too great.
 - Impeller damage.
5. Wrong direction of rotation.
6. Be sure pressure gauge is in correct place on discharge nozzle or discharge pipe.

V–D. PUMP WORKS AWHILE AND THEN QUILTS.

1. Leaky suction line.
2. Stuffing box packing worn — or liquid seal plugged — allowing leakage of air into pump casing.
3. Air pocket in suction line.
4. Not enough suction head for hot or volatile liquids. Check carefully as this is a frequent cause of trouble on such service. See Section I-K and III-C.
5. Air or gases in liquid.
6. Suction lift too high (suction pipe may be too small or long, causing excessive friction loss). Check with vacuum or compound gauge.
7. Impeller plugged.
8. Mechanical seal leaks. (On suction lift).

15 of 24

Role: Operator

This screenshot shows the 'ACM Equipment Tree' on the left, listing a plant structure with scrubbers and recycle pumps. The 'ACM Entity Detail' panel on the right shows information for '11 RECYCLE PUMP', including its name, type, ID, tag, and manufacturer. The 'Photographs' tab is selected and highlighted with a red circle.

Book type:	Book Name	Book...
	XYZ Installation, Operation and Maintenance Instructions f...	Parts ...
	XYZ Pump Performance Curves	Drawings...
	XYZ Installation, Operation and Maintenance Instructions f...	Opera...
	XYZ - Durco Mark II & III Self-Priming Pumps	Miscell...
	REAGENT FEED PUMPS_Photos	Photo...

This screenshot shows the same interface as the first, but with a thumbnail image of a photograph selected in the bottom right corner, also highlighted with a red circle.

Role: Operator

The screenshot displays a web-based interface for equipment management. At the top, there are navigation links: "My Portal", "Edit my profile", and "Logout". Below this is a search bar with a "Go" button and an "Advanced Search" link. A main navigation bar includes "My Home", "My Workspace", "My Dashboard", "My Email", "EquipmentInfo", and "My Favorites".

The interface is divided into two main panels:

- ACM Equipment Tree:** A hierarchical tree view showing the structure of equipment. The path is: Plant > SCRUBBER > SCRUBBER COMMON EQUIPMENT > U1 RECYCLE PUMPS > 11 RECYCLE PUMP. Other pumps listed are 12, 13, and 14 RECYCLE PUMP. A "UNIT 01" folder is also visible.
- ACM Entity Detail:** A detailed view of the selected "11 RECYCLE PUMP". It includes a form with the following fields:

Name:	11 RECYCLE PUMP	Manu.:	WARMAN	Alerts
Type:	PUMP [Pump]	Manu. Code:		Status
Id:	AST-000074	Model:	800TYGSL	
Tag:	22-PU-11 / 10087	Serial:	MDS18473M	

 Below the form are tabs for "Notes", "BOM" (highlighted with a red circle), "Maintenance", "Work Packages", "Documents", "Photographs", "Attributes", and "Contacts". A "Save..." button and "Tools" icon are also present.

The "Photographs" tab is active, showing a large image of a metal plate with stamped text. Below the main image are zoom controls ("Zoom In", "Zoom Out", "Fit", "Print...") and a row of three thumbnail images.

Role: Operator

The screenshot displays the IBM EAM software interface for an Operator role. The top navigation bar includes 'My Portal', 'Edit my profile', and 'Logout'. Below this is a search bar with a 'Go' button and an 'Advanced Search' link. The main navigation menu contains 'My Home' (highlighted with a red circle), 'My Workspace', 'My Dashboard', 'My Email', 'EquipmentInfo', and 'My Favorites'.

The interface is split into two main panels:

- ACM Equipment Tree:** Shows a hierarchical view of equipment. The tree is expanded to show 'UNIT 01' containing 'SCRUBBER COMMON EQUIPMENT' and 'U1 RECYCLE PUMPS'. Under 'U1 RECYCLE PUMPS', there are four items: '11 RECYCLE PUMP', '12 RECYCLE PUMP', '13 RECYCLE PUMP', and '14 RECYCLE PUMP'. '11 RECYCLE PUMP' is selected.
- ACM Entity Detail:** Shows the details for the selected '11 RECYCLE PUMP'.
 - Name:** 11 RECYCLE PUMP
 - Type:** PUMP [Pump]
 - Id:** AST-000074
 - Tag:** 22-PU-11 / 10087
 - Manu.:** WARMAN
 - Manu. Code:**
 - Model:** 800TYGSL
 - Serial:** MDS18473M

Below the entity details is a 'Bills of Materials' section. It shows a list of items with their descriptions, quantities, and units. The item '300000515 IMPELLER, NI RESIST' is highlighted in red.

Item	Description	Ma...	Par...
Bills of Materials					
Spares - Spar EAM Maintenance Bill of M:					
<input type="checkbox"/>	300000512 BRG. THRUST, N.D	1	<A		
<input type="checkbox"/>	300000513 LOCK NUT BRG, MRC	1	<A		
<input type="checkbox"/>	300000514 BRG. RADIAL, MRC	1	<A		
<input type="checkbox"/>	300000515 IMPELLER, NI RESIST	1	<A		
<input type="checkbox"/>	300000516 GLAND MECH., XYZ	1	<A		
<input type="checkbox"/>	300000517 BUSH, GLAND, MECH. SEA	1	<A		
<input type="checkbox"/>	300000518 BUSHING THROAT, N1-RE:	1	<A		
<input type="checkbox"/>	300000519 SCREW, SET CARP-20	1	<A		
<input type="checkbox"/>	300000520 GASKET, CASE	1	<A		
<input type="checkbox"/>	300000521 DEFLECTOR, NYLON	1	<A		
<input type="checkbox"/>	300000522 INSERT, IMPELLER SCREW	1	<A		
<input type="checkbox"/>	300000523 SCREW, IMPELLER, 304 S:	1	<A		
<input type="checkbox"/>	300000524 KLOZURE, PUMP END	1	<A		
<input type="checkbox"/>	300000525 SHAFT, PUMP, 4140	1	<A		
<input type="checkbox"/>	300000526 WASHER, IMPELLER, 304 :	1	<A		
<input type="checkbox"/>	300000527 KOLUZRE, CPLG END	1	<A		
<input type="checkbox"/>	MAT-00050 EYE BOLT	SIEMEN 12345	1	<A	

Role: Operator

My Portal Edit my profile Logout

Go

[Advanced Search](#)

My Home My Workspace My Dashboard My Email EquipmentInfo My Favorites ▾

Plant Injury Profile Edit | ? - X

Plant Injury Incident - 2006

[Global OII rate = 1.0](#)

[Global OII cases = 24](#)

[Days since last OII = 57](#)

News Edit | ? - X

iPlant External News

[Thailand: Major downgrades didn't appear](#) Thai News Service, September 01 2006, 154 words

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[Investors Chronicle: MICHELMERSH BRICK \(MBH\)](#). Investors Chronicle, August 26 2006, 247 words

My Contacts Edit | ? - X

People ▾ Options ▾

▶ Work

- [Martha Jenkins](#)
- [George Roberts](#)
- [Karen Fields](#)

My News Edit | ? - X

My News and Information

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[My News and Information](#)

My Applications Edit | ? - X

iPlant Favorites

[ABB](#)

[SAP](#)

[SAP](#)

[e-Center](#)

[Extensivity](#)

[WebEX](#)

[Portal Training](#)

[Process Quality Management](#)

[Kline Online](#)

[Legal](#)

[Procurement](#)

Role: Operator

My Portal Edit my profile Logout

Go

[Advanced Search](#)

My Home My Workspace My Dashboard My Email EquipmentInfo My Favorites

Plant Injury Profile Edit | ? - X

Plant Injury Incident - 2006

[Global OII rate = 1.0](#)

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My Contacts Edit | ? - X

People ▾ Options ▾

- ▶ Work
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My News Edit | ? - X

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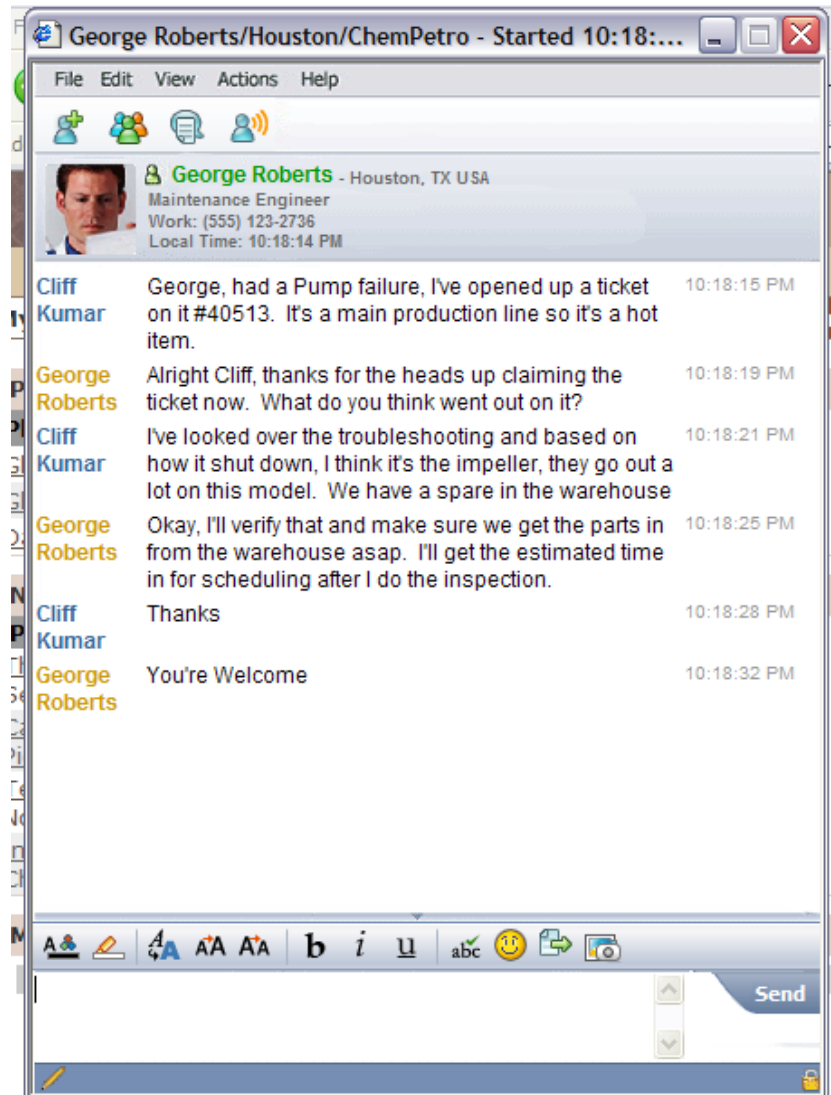
[My News and Information](#)

My Applications Edit | ? - X

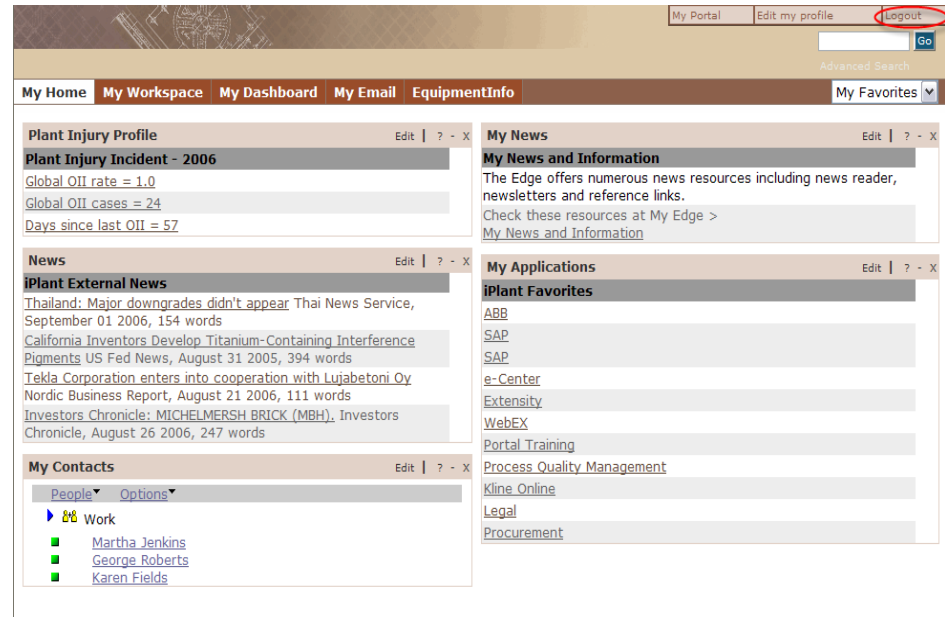
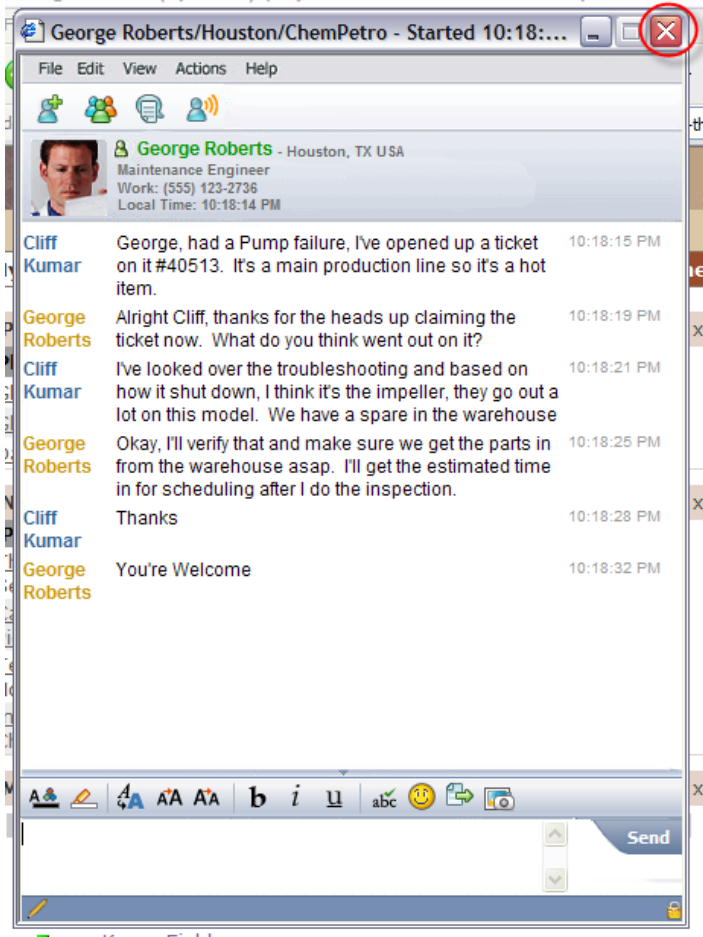
iPlant Favorites

- [ABB](#)
- [SAP](#)
- [SAP](#)
- [e-Center](#)
- [Extensivity](#)
- [WebEX](#)
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- [Process Quality Management](#)
- [Kline Online](#)
- [Legal](#)
- [Procurement](#)

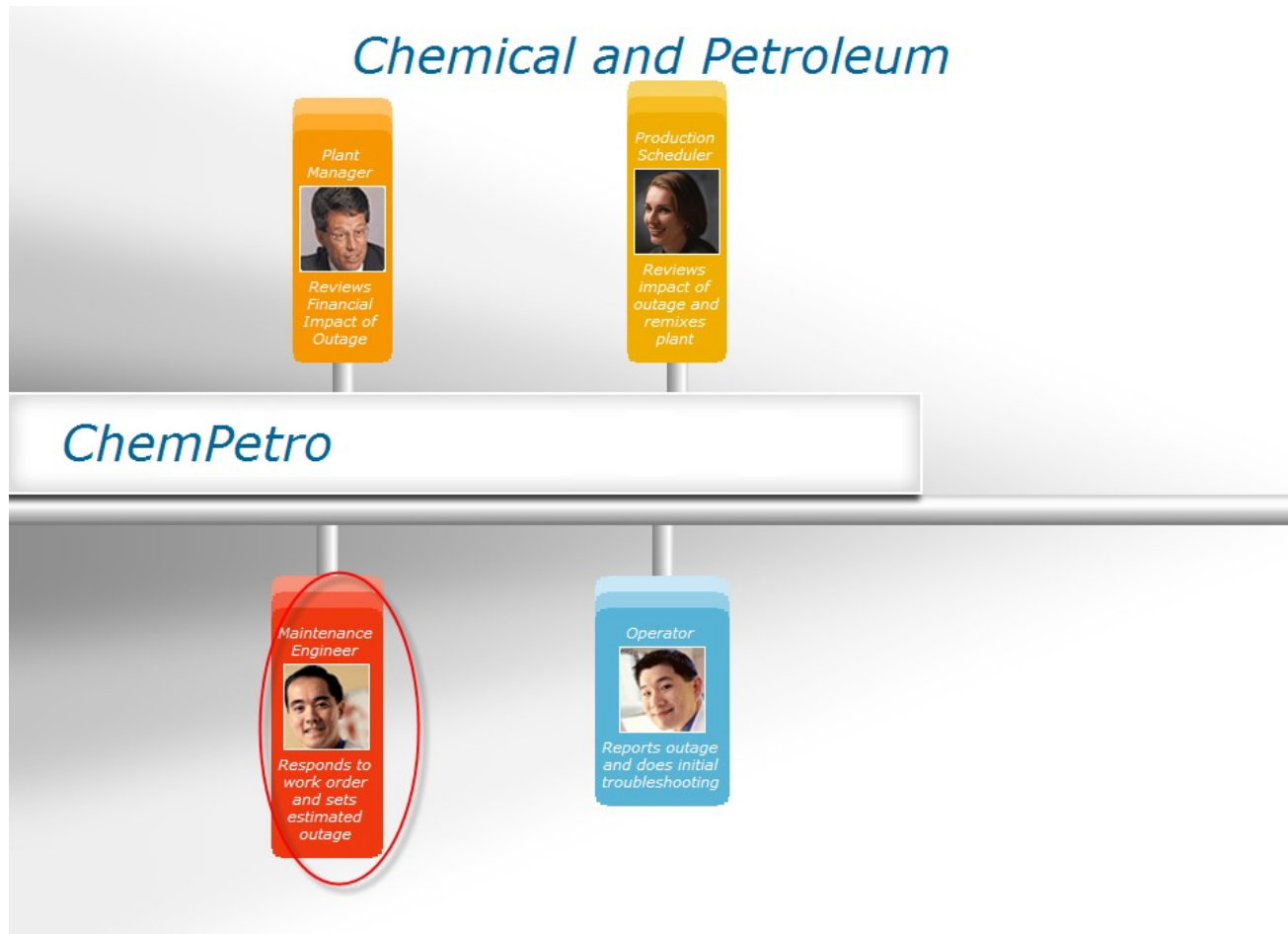
Role: Operator



Role: Operator



Role: Maintenance Manager



Role: Maintenance Manager

My Portal Edit my profile Logout

Go

Advanced Search

My Home My Workspace My Dashboard My Email My Favorites

Login Edit | ? - X

User ID:

Password:

Not registered? [Sign up](#)

Log in Cancel

Role: Maintenance Manager

My Portal Edit my profile Logout

Advanced Search

My Home My Workspace My Dashboard My Email My Favorites

Plant Incident Profile Edit | ? - X

Plant Injury Incident - 2006

Global OII rate = 1.0

Global OII cases = 24

Days since last OII = 57

My News Edit | ? - X

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News Edit | ? - X

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My Applications Edit | ? - X

iPlant Favorites

[ABB](#)

[Maximo](#)

[SAP Production Scheduling](#)

[e-Center](#)

[Extensity](#)

[WebEX](#)

[Portal Training](#)

[Process Quality Management](#)

[Kline Online](#)

[Legal](#)

[Procurement](#)

Role: Maintenance Manager

Untitled Document - Microsoft Internet Explorer

maximo

Bulletins: (2) Go To Reports Start Center Profile Sign Out ? Help

Find: Select Action Reports

List **Work Order** Plans Related Records Actuals Safety Plan Log Failure Reporting Work Order Location Details Regulations

Work Order	40513	Repair Pump Failure	Site	HOUSTON	Attachments	
Location	BR450	Feed Water Pump- Centrifugal/100GPM50FTH	Class	WORKORDER	Status	WAPPR
Asset	11450	Recycle Pump 11 - 800TYGSL	Work Type		Status Date	18/02/06 07:34
Parent WO			GL Account	6600-869-800	Inherit Status Changes?	<input checked="" type="checkbox"/>
Classification			Failure Class	PUMPS	Accepts Charges?	<input checked="" type="checkbox"/>
Description			Problem Code		Is Task?	<input type="checkbox"/>

Job Details	Asset Details	Priority
Job Plan	TEST	Asset Up?
PM		<input checked="" type="checkbox"/>
Safety Plan		Warranties Exist?
Contract		<input checked="" type="checkbox"/>
Condition for Work	US	SLA Applied?
		<input type="checkbox"/>
		Charge to Store?
		<input checked="" type="checkbox"/>
		Asset Location Priority
		2
		Priority
		Priority Justification
		Risk Assessment

Reason For Work	OUTAGE	Environmental	Matrix Priority Overridden?	<input type="checkbox"/>
Function	MAINTENANCE		Matrix Priority Override Code	
Matrix Index	39		Target Dates Overridden?	<input type="checkbox"/>
Matrix Priority	2			

Scheduling Information	Follow-up Work
Target Start	19/10/06 09.02
Actual Start	
Target Finish	
Actual Finish	
Scheduled Start	
Duration	0.00
Scheduled Finish	
Time Remaining	
Originating Record	
Originating Record Class	
Has Follow-up Work?	<input type="checkbox"/>
Interruptible?	<input type="checkbox"/>

Responsibility

Role: Maintenance Manager

The screenshot displays the IBM Maximo interface for a Work Order Location Details form. The top navigation bar includes the Maximo logo, a search field, and various utility icons. Below the navigation bar, the form is organized into several sections:

- Work Order:** 1156
- Location:** BR450
- Test of Regulations:** Test of Regulations
- Feed Water Pump:** Centrifugal/100GPM/60FTH
- Site:** HOUSTON
- Review Required?**

The **Location Details** section contains the following fields:

- Function:** [Empty field]
- Physical Location:** Between Fence and Cooling Tower
- Safety Critical?**
- Environmentally Critical?**
- Commercially Critical?**
- Permit Type:** HOT WORK
- Hazardous Area Classification:** ZONE1 (This field is circled in red)
- Fire Zone:** [Empty field]
- Access Requirements:** SCAFFOLDING
- Explosion Proof?**

Role: Maintenance Manager

maximo Return Return With Value

Find: Select Action Reports

List Location Assets History Safety Meters Specifications **Location Details** Operating Context Regulations

Location Site

Physical Location

Reference Information **Area Classifications**

P and ID	<input type="text" value="12345"/>	Hazardous Area Classification	<input type="text" value="ZONE1"/>
Operating Manual Reference	<input type="text" value="ABCDE"/>	Fire Zone	<input type="text"/>
Drawing Reference	<input type="text" value="DW-1234"/>	Explosion Proof?	<input type="checkbox"/>
Hazardous Area Classification Dwg	<input type="text" value="DW-5678H"/>	Permit Type	<input type="text" value="HOT WORK"/>
Single Line Diagram	<input type="text"/>		

Access **Production Impact**

Access Requirements	<input type="text" value="SCAFFOLDING"/>	Outage Consequence	<input type="text" value="PRODUCTION L"/>
---------------------	------------------------------------------	--------------------	-------------------------------------------

Role: Maintenance Manager

The screenshot displays the IBM Maximo Work Order form for a 'Repair Pump Failure' at the Houston site. The form is organized into several sections:

- Work Order Header:** Includes fields for Work Order (40513), Location (BR450), Asset (11450), and Description (Repair Pump Failure). It also shows Site (HOUSTON), Class (WORKORDER), and Status (WAPPR).
- Job Details:** Contains Job Plan (TEST), PM, Safety Plan, Contract, and Condition for Work (US). It also includes Asset Up? (checked), Warranties Exist? (checked), SLA Applied? (unchecked), and Charge to Store? (checked).
- Reason For Work:** Shows Reason for Work (OUTAGE), Function (MAINTENANCE), Matrix Index (39), and Matrix Priority (2). It also includes Environmental, Matrix Priority Overridden?, Matrix Priority Override Code, and Target Dates Overridden?.
- Scheduling Information:** Features Target Start (19/10/06 09.02), Actual Start, Target Finish, Actual Finish, Scheduled Start, Scheduled Finish, Duration (0.00), and Time Remaining.
- Follow-up Work:** Includes Originating Record, Originating Record Class, Has Follow-up Work?, and Interruptible?.

A red circle highlights the 'Condition for Work' field, which is set to 'US'.

Role: Maintenance Manager

The screenshot displays the IBM Maximo web application interface. At the top, there is a navigation bar with the Maximo logo and several utility links: 'Bulletins: (2)', 'Go To', 'Reports', 'Start Center', 'Profile', 'Sign Out', and 'Help'. Below the navigation bar is a search and action area with a 'Find:' field, a 'Select Action' dropdown, and several icons. One icon, representing a plus sign, is circled in red. The main content area shows a 'Condition for Work' record with the following details:

Condition for Work	US	Unit Shutdown	Organization		Site	
Type	SHUTDOWN		Function	PRODUCTION	Attachments	
Status	ACTIVE					
Status Date	19/10/06 10.00					
Associated Condition for Work 1	ISO					
Associated Condition for Work 2						

Role: Maintenance Manager

The screenshot displays the IBM Maximo Work Order form for a 'Repair Pump Failure' at the Houston site. The form is organized into several sections:

- Work Order Header:** Includes fields for Work Order (40513), Location (BR450), Asset (11450), and Description (Recycle Pump 11 - 800TYGSL). It also shows Site (HOUSTON), Class (WORKORDER), and Status (WAPPR).
- Job Details:** Contains Job Plan (TEST), PM, Safety Plan, Contract, and Condition for Work (US).
- Reason For Work:** Shows Reason for Work (OUTAGE), Function (MAINTENANCE), Matrix Index (39), and Matrix Priority (2). A red circle highlights the Matrix Priority field.
- Scheduling Information:** Includes Target Start (19/10/06 09.02), Actual Start, Target Finish, Actual Finish, Scheduled Start, Duration (0.00), and Scheduled Finish.
- Priority and Follow-up Work:** Features Asset Up? (checked), Warranties Exist? (checked), SLA Applied? (unchecked), Charge to Store? (checked), Asset/Location Priority (2), Priority, Priority Justification, Risk Assessment, Originating Record, Originating Record Class, Has Follow-up Work? (unchecked), and Interruptible? (unchecked).

Role: Maintenance Manager

The screenshot displays the IBM Maximo 'Reason for Work' interface. At the top, there is a navigation bar with 'maximo' branding and user options like 'Bulletins: (2)', 'Go To', 'List Reports', 'Start Center', 'Profile', 'Sign Out', and 'Help'. Below this is a search bar with 'Find:' and a 'Select Action' dropdown. A red circle highlights a bell icon in the toolbar.

The main content area shows details for a 'Reason for Work' record:

- Reason for Work:** OUTAGE (Outage Impacting Production)
- Status:** ACTIVE
- Status Date:** 18/02/06 04:31
- Display Sequence:** 101
- Organization:** EAGLENA
- Function:** MAINTENANCE
- Attachments:** (empty)

Below the details is a 'Matrix List' table with columns for 'Asset/Location Priority', 'Matrix Index', and 'Matrix Priority'. The table shows two rows, with the second row selected. A 'Details' section below the table shows the selected row's values: Asset/Location Priority = 2, Matrix Index = 39, and Matrix Priority = 2.

A 'Select Value' dialog box is open in the foreground, displaying a table with columns for 'Range Segment', 'Range Minimum', 'Range Maximum', and 'Interval'. The table contains five rows of data:

Range Segment	Range Minimum	Range Maximum	Interval
1	0	24	1
2	25	148	1
3	149	720	1
4	721	2,160	1
5	2,161	2,880	1

The dialog box also includes a 'Cancel' button and a 'New Row' button in the background.

Role: Maintenance Manager

maximo | Bulletins: (2) | Go To | Reports | Start Center | Profile | Sign Out | Help

Find: [] | Select Action [] | Reports []

List | **Work Order** | Plans | Related Records | Actuals | Safety Plan | Log | Failure Reporting | Work Order Location Details | Regulations

Work Order 40513 | Repair Pump Failure | Site HOUSTON | Attachments []
Location BR450 | Feed Water Pump- Centrifugal/100GPM/60FTH | Class WORKORDER | Status WAPPR
Asset 11450 | Recycle Pump 11 - 800TYGSL | Work Type [] | Status Date 18/02/06 07:34
Parent WO [] | GL Account 6600-869-800 | Inherit Status Changes?
Classification [] | Failure Class PUMPS | Accepts Charges?
Description [] | Problem Code [] | Is Task?

Job Details | Asset Details | Priority

Job Plan TEST | **Asset Up?** | **Asset Location Priority** 2
PM [] | **Warranties Exist?** | **Priority** []
Safety Plan [] | **SLA Applied?** | **Priority Justification** []
Contract [] | **Charge to Store?** | **Risk Assessment** []
Condition for Work US

Reason For Work

Reason for Work OUTAGE | Environmental | **Matrix Priority Overridden?**
Function MAINTENANCE | **Matrix Priority Override Code** []
Matrix Index 39 | **Target Dates Overridden?**
Matrix Priority 2

Scheduling Information | Follow-up Work

Target Start 19/10/06 09.02 | **Actual Start** [] | **Originating Record** []
Target Finish [] | **Actual Finish** [] | **Originating Record Class** []
Scheduled Start [] | **Duration** 0.00 | **Has Follow-up Work?**
Scheduled Finish [] | **Time Remaining** [] | **Interruptible?**

Role: Maintenance Manager

This screenshot shows the Maximo Work Order details page for work order 40513. The page is divided into several sections:

- Work Order Summary:** Displays the work order number (40513), location (BR450), asset (11450), and description (Repair Pump Failure). It also shows the site (HOUSTON), class (WORKORDER), and status (WAPPR).
- Attachments:** Lists related assets such as 'Feed Water Pump - Centrifugal/100GPM/60FTH' and 'Recycle Pump 11 - 800TYGSL'.
- Job Details:** Includes fields for Job Plan (TEST), PM, Safety Plan, Contract, and Condition for Work (US).
- Reason for Work:** Shows the function (MAINTENANCE) and matrix index (39).
- Scheduling Information:** Provides dates for Target Start (19/10/06 09:02), Target Finish (26/10/06 12:00), and Scheduled Start.

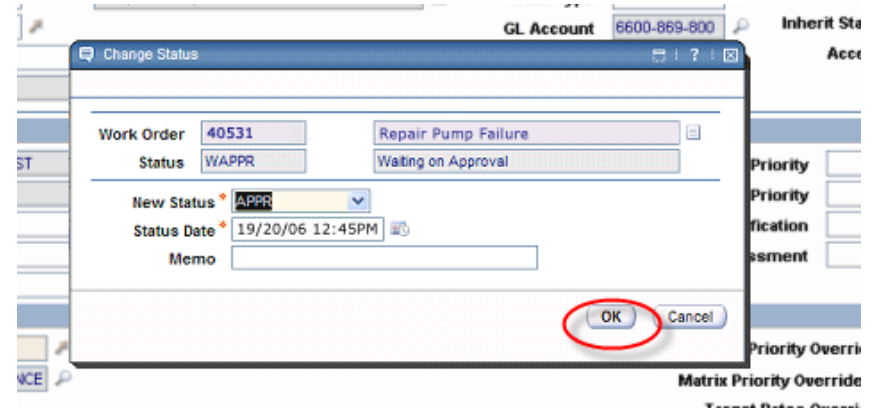
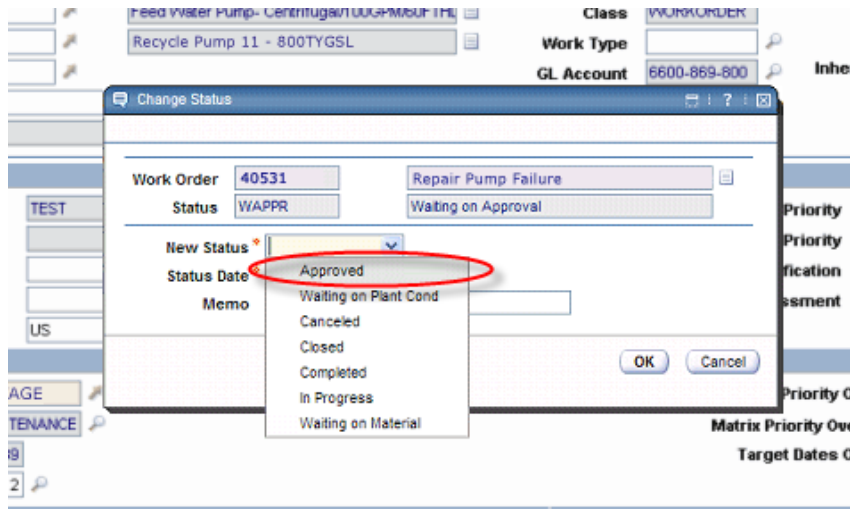
 The 'Change Status' button in the top toolbar is circled in red, indicating the next step in the process.

This screenshot shows the 'Change Status' dialog box for work order 40531. The dialog box contains the following information:

- Work Order:** 40531
- Description:** Repair Pump Failure
- Status:** WAPPR
- New Status:** A dropdown menu is open, showing 'Waiting on Approval' as the selected option. This dropdown is circled in red.
- Status Date:** 19/20/06 13:15:19
- Memo:** An empty text field for additional notes.

 The dialog box also includes 'OK' and 'Cancel' buttons at the bottom.

Role: Maintenance Manager



Role: Maintenance Manager

The screenshot displays the IBM Maximo web interface for a Maintenance Manager. The top navigation bar includes 'Buletins: (2)', 'Go To', 'Reports', 'Start Center', 'Profile', 'Sign Out' (circled in red), and 'Help'. The main content area is titled 'Work Order' and shows details for a specific work order.

Work Order Details:

- Work Order: 40513
- Location: BR450
- Asset: 11450
- Parent WO: [Empty]
- Classification: [Empty]
- Description: [Empty]
- Repair Pump Failure
- Site: HOUSTON
- Class: WORKORDER
- Work Type: [Empty]
- GL Account: 6600-869-800
- Failure Class: PUMPS
- Problem Code: [Empty]
- Attachments: [Empty]
- Status: APPROVED
- Status Date: 18/02/06 07:34
- Inherit Status Changes?:
- Accepts Charges?:
- Is Task?:

Job Details:

- Job Plan: TEST
- PM: [Empty]
- Safety Plan: [Empty]
- Contract: [Empty]
- Condition for Work: US
- Asset Up?:
- Warranties Exist?:
- SLA Applied?:
- Charge to Store?:
- Asset/Location Priority: 2
- Priority: [Empty]
- Priority Justification: [Empty]
- Risk Assessment: [Empty]

Reason For Work:

- Reason for Work: OUTAGE
- Function: MAINTENANCE
- Matrix Index: 39
- Matrix Priority: 2
- Environmental
- Matrix Priority Overridden?:
- Matrix Priority Override Code: [Empty]
- Target Dates Overridden?:

Scheduling Information:

- Target Start: 19/10/06 09.02
- Target Finish: 26/10/06 12.00
- Scheduled Start: [Empty]
- Scheduled Finish: [Empty]
- Actual Start: [Empty]
- Actual Finish: [Empty]
- Duration: 0.00
- Time Remaining: [Empty]
- Originating Record: [Empty]
- Originating Record Class: [Empty]
- Has Follow-up Work?:
- Interruptible?:

Role: Maintenance Manager

My Portal Edit my profile **Logout**

Go
Advanced Search

My Home My Workspace My Dashboard My Email My Favorites

Plant Injury Profile

Edit | ? - X

Plant Injury Incident - 2006

Global OII rate = 1.0
Global OII cases = 24
Days since last OII = 57

News

Edit | ? - X

iPlant External News

Thailand: Major downgrades didn't appear Thai News Service, September 01 2006, 154 words
California Inventors Develop Titanium-Containing Interference Pigments US Fed News, August 31 2005, 394 words
Tekla Corporation enters into cooperation with Lujabetoni Oy Nordic Business Report, August 21 2006, 111 words
Investors Chronicle: MICHELMERSH BRICK (MBH). Investors Chronicle, August 26 2006, 247 words

My News

Edit | ? - X

My News and Information

The Edge offers numerous news resources including news reader, newsletters and reference links.
Check these resources at My Edge >
[My News and Information](#)

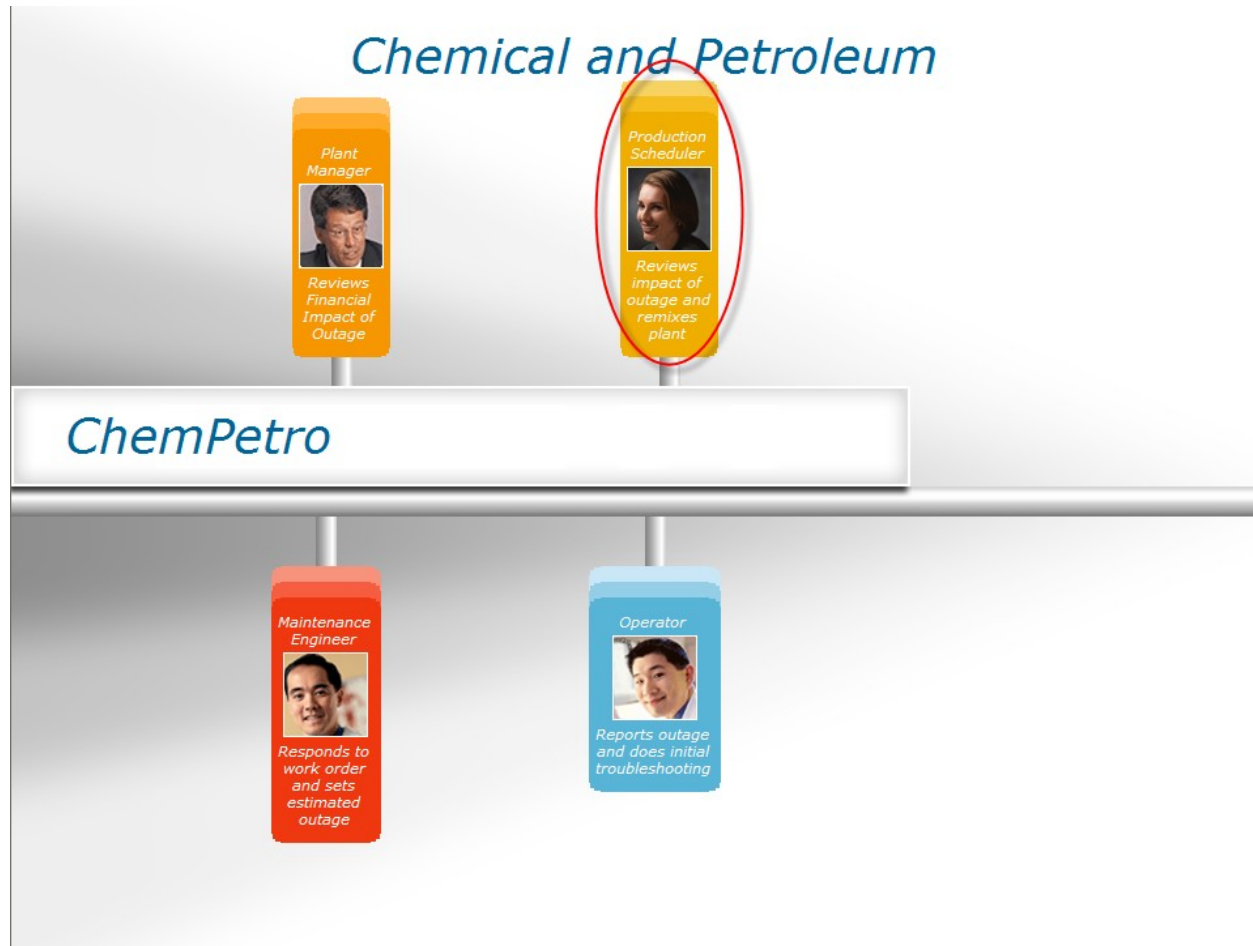
My Applications

Edit | ? - X

iPlant Favorites

[ABB](#)
[SAP](#)
[Production Scheduling](#)
[e-Center](#)
[Extensity](#)
[WebEX](#)
[Portal Training](#)
[Process Quality Management](#)
[Kline Online](#)
[Legal](#)
[Procurement](#)

Role: Scheduler



Role: Scheduler

My Portal Edit my profile Logout

Go
Advanced Search

My Home My Workspace My Dashboard My Email My Alerts My Favorites

Login Edit | ? - X

User ID:

Password:

Not registered? [Sign up](#)

Role: Scheduler

The screenshot displays a web portal interface for a Scheduler role. At the top right, there are links for 'My Portal', 'Edit my profile', and 'Logout'. Below these is a search bar with a 'Go' button and the text 'Advanced Search'. The main navigation bar includes 'My Home', 'My Workspace', 'My Dashboard', 'My Email' (highlighted with a red circle), and 'My Alerts'. A 'My Favorites' dropdown menu is also visible.

The main content area is divided into several sections:

- Plant Injury Profile** (Edit | ? - X):
 - Plant Injury Incident - 2006**
 - Global OII rate = 1.0
 - Global OII cases = 24
 - Days since last OII = 57
- News** (Edit | ? - X):
 - iPlant External News**
 - [Thailand: Major downgrades didn't appear](#) Thai News Service, September 01 2006, 154 words
 - [California Inventors Develop Titanium-Containing Interference Pigments](#) US Fed News, August 31 2005, 394 words
 - [Tekla Corporation enters into cooperation with Lujabetoni Oy](#) Nordic Business Report, August 21 2006, 111 words
 - [Investors Chronicle: MICHELMERSH BRICK \(MBH\)](#). Investors Chronicle, August 26 2006, 247 words
- My News** (Edit | ? - X):
 - My News and Information**
 - The Edge offers numerous news resources including news reader, newsletters and reference links.
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 - [My News and Information](#)
- My Applications** (Edit | ? - X):
 - iPlant Favorites**
 - [ABB](#)
 - [SAP](#)
 - [Production Scheduling](#)
 - [e-Center](#)
 - [Extensity](#)
 - [WebEX](#)
 - [Portal Training](#)
 - [Process Quality Management](#)
 - [Kline Online](#)
 - [Legal](#)
 - [Procurement](#)

Role: Scheduler

The screenshot displays an IBM email inbox interface. At the top right, there are links for 'My Portal', 'Edit my profile', and 'Logout', along with a search bar and a 'Go' button. Below this is a navigation bar with tabs for 'My Home', 'My Workspace', 'My Dashboard', 'My Email', and 'My Alerts', and a 'My Favorites' dropdown menu. The main content area is titled 'Email Inbox' and includes a toolbar with buttons for 'New Memo', 'Reply', 'Reply to All', 'Forward', 'Delete', and 'Folder'. The inbox is divided into 'Urgent' and 'Normal' sections. The 'Urgent' section contains two emails from 'alertsystem@chempetro.com'. The second email, with the subject 'System Outage CRU1 Reactor', is circled in red. The 'Normal' section contains ten other emails from various addresses at chempetro.com.

	File Size	From	Subject	Received
<input type="checkbox"/>	0 (53k)	alertsystem@chempetro.com	CRU1 Reactor Remixed	06/11/06 3:26pm
<input type="checkbox"/>	0 (53k)	alertsystem@chempetro.com	System Outage CRU1 Reactor	06/11/06 3:24pm
<input type="checkbox"/>	0 (10k)	hgilmore@chempetro.com	Order Processing reengineering ...	06/11/06 3:24pm
<input type="checkbox"/>	0 (112k)	sfulmer@chempetro.com	Meeting in Boston on Tues ...	06/11/06 3:20pm
<input type="checkbox"/>	(76k)	sfulmer@chempetro.com	Rental Car Arraingment ...	06/11/06 3:19pm
<input type="checkbox"/>	0 (65k)	khortab@chempetro.com	New Shipping plan for East Coast ...	06/11/06 3:24pm
<input type="checkbox"/>	0 (37k)	mboston@chempetro.com	Change in packaging fees?	06/11/06 3:20pm
<input type="checkbox"/>	(1271k)	lferguson@chempetro.com	Auto-Insulator down for 4 days	06/11/06 3:19pm
<input type="checkbox"/>	0 (243k)	dranger@chempetro.com	Company Picnic!	06/11/06 3:24pm
<input type="checkbox"/>	0 (16k)	psimpson@chempetro.com	Unicef Pledge Drive	06/11/06 3:20pm
<input type="checkbox"/>	(18k)	hclef@chempetro.com	Revised Shipment pricing targets.	06/11/06 3:19pm

No items are currently selected

Role: Scheduler

The screenshot displays a web-based email interface. At the top, there are navigation links: "My Portal", "Edit my profile", and "Logout". Below these is a search bar with a "Go" button and the text "Advanced Search". A horizontal menu contains "My Home", "My Workspace", "My Dashboard", "My Email", and "My Alerts" (which is circled in red), followed by "My Favorites" with a dropdown arrow.


The main content area is titled "Email Read" and includes a toolbar with buttons for "New Memo", "Reply", "Reply to All", "Forward", "Delete", and "Folder". The email header shows the sender as "alertsystem@chempetro.co.usa" and the recipient as "mjenkins@chempetro.co.usa". The date and time are "06/25/2006 03:27 PM" and the subject is "System Outage CRU1".

The email body contains the following text:

System Outage CRU1 Reactor; Alert ID 902315 [Inbox](#)

[groberts@chempetro.com](#) to me [More options](#) 1:25 pm (30 minutes ago)

IBM BTO Enterprise Control Tower
Powered by WebSphere SOA

 **Your Action is Required**

Please take action on the following alert. This alert has been generated from the ISC Control Tower. If you have any questions about this alert please contact the Control Tower help center at 1-800-IBM-HELP. If you have internet access you can view the alert by clicking this graphic.

ON DEMAND BUSINESS

DO NOT REPLY OR FORWARD NOTES TO THE ID THAT TRANSMITTED THIS STATEMENT

[Reply](#) [Forward](#) [Invite moores@us.ibm.com to Gmail](#)

Role: Scheduler

My Portal Edit my profile Logout

Go
Advanced Search

My Home My Workspace My Dashboard My Email My Alerts My Favorites ▾

Alerts Summary
Edit | ? - X

Alert Type	Alert Status	Alert Number	Cause	Description	Impact	Status	Priority	User Name	ID	Sub ID
High Priority Un	Unclaimed	902315	Failure Pump	Failure - Full	Moderate	In Repair	Very High	mjenkins	902	907

1 Page 1 of 1

Show Alerts by:

mjenkins
 Schedulers
 Unclaimed
 Claimed
 Completed
 All

View Logs

Role: Scheduler

My Portal | Edit my profile | Logout

Go

Advanced Search

My Home | My Workspace | My Dashboard | My Email | My Alerts | My Favorites

Alert Detail
Edit | ? - X

Alert Type: High Priority

Material	:01N1586	Transaction ID	:902-906	Alert Source	:Maximo-GRoberts
Description	:Pump	Estimated Cycle	:3.000	Entry Date	:2006-10-19
Product Family	:Chempro	Scheduling Status	:In Repair	CRAD	:2006-01-24
Brand	:	Client Order	:0805004722	CCAD	:2006-10-19
Plant	:Houston	Line	:000010	RSD	:2006-01-24
Operator Name	:CKumar	Product Line	:	CSD	:
Reactor	:CRU1	Impact	:High	PSSD	:0000-00-00
Alert Status	:Unclaimed	Incident Code	:	RMAD	:0000-00-00
		Priority	:00	MAD	:0000-00-00

Message

Maximo: Downtime estimate by GRoberts of 144 hours.

Back | Claim | View Logs

Role: Scheduler

My Portal
Edit my profile
Logout

[Advanced Search](#)

My Home
My Workspace
My Dashboard
My Email
My Alerts
My Favorites ▾

Alert Detail
Edit | ? - X

Alert Type: High Priority

Transaction ID	:902-906	Alert Source	:Maximo-GRoberts
Material	:01N1586	Estimated Cycle	:3.000
Description	:Pump	Scheduling Status	:In Repair
Product Family	:Chempro	Client Order	:0805004722
Brand	:	Line	:000010
Plant	:Houston	Product Line	:
Operator Name	:CKumar	Impact	:High
Reactor	:CRU1	Incident Code	:
Alert Status	:Claimed	Priority	:00

Message

Maximo: Downtime estimate by GRoberts of 144 hours.

Schedulers

Operators

Engineers

Production Update Date

Order Reschedule Result

Role: Scheduler

My Portal | Edit my profile | Logout

Go

Advanced Search

My Home | My Workspace | My Dashboard | My Email | My Alerts | My Favorites

Plant Incident Profile

Edit | ? - X

Plant Injury Incident - 2006

Global OII rate = 1.0
Global OII cases = 24
Days since last OII = 57

News

Edit | ? - X

iPlant External News

Thailand: Major downgrades didn't appear Thai News Service, September 01 2006, 154 words
California Inventors Develop Titanium-Containing Interference Pigments US Fed News, August 31 2005, 394 words
Tekla Corporation enters into cooperation with Lujabetoni Oy Nordic Business Report, August 21 2006, 111 words
Investors Chronicle: MICHELMERSH BRICK (MBH). Investors Chronicle, August 26 2006, 247 words

My News

Edit | ? - X

My News and Information

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My Applications

Edit | ? - X

iPlant Favorites

- ABB
- Maximo
- SAP Production Scheduling**
- e-Center
- Extensity
- WebEX
- Portal Training
- Process Quality Management
- Kline Online
- Legal
- Procurement

Role: Scheduler

Untitled Document - Microsoft Internet Explorer

Production Scheduling

Refresh Exit Save

Variables

Spread to Categories Forecast Monthly Sales Calc. Sales at Cost Plan

Base Unit	1000 Lbs	1000 Pounds
Fiscal Year Variant	M.M	MAP Month
Production Organization	HU200	Houston Main Production
Reactor Plan	CRU1	Chemical Reactor Universal 1
Time Unit	HR	Hours

Production Run	Volume	Planned Start Time	Current Start Time	Planned Run Time	Current Run Time	Reason Code
SK1043	15	10/28/2006	10/30/2006	60	75	PF4
SK1044	12	10/28/2006	10/26/2006	30	30	PF4
SK1045	20	10/30/2006	10/28/2006	100	130	PF4
SK1046	10	11/02/2006	11/03/2006	50	60	PF4
SK1047	18	11/06/2006	11/08/2006	70	90	PF4
SK1048	20	11/10/2006	11/11/2006	80	80	PF4
SK1049	30	11/16/2006	11/17/2006	120	120	PF4

Refresh Exit Save

My Portal Edit my profile Logout

Go

Advanced Search

My Home My Workspace My Dashboard **My Email** My Alerts My Favorites

Plant Injury Profile Edit | ? - X

Plant Injury Incident - 2006

Global OII rate = 1.0

Global OII cases = 24

Days since last OII = 57

News Edit | ? - X

Plant External News

Thailand: Major downgrades didn't appear Thai News Service, September 01 2006, 154 words

California Inventors Develop Titanium-Containing Interference Pigments US Fed News, August 31 2005, 394 words

Tekla Corporation enters into cooperation with Lujabetoni Oy Nordic Business Report, August 21 2006, 111 words

Investors Chronicle: MICHELMERSH BRICK (MBH), Investors Chronicle, August 26 2006, 247 words

My News Edit | ? - X

My News and Information

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My News and Information

My Applications Edit | ? - X

Plant Favorites

ABB

SAP

Production Scheduling

e-Center

Extensivity

WebEX

Portal Training

Process Quality Management

Kline Online

Legal

Procurement

Role: Scheduler

My Portal | Edit my profile | Logout

Advanced Search

My Home | My Workspace | My Dashboard | **My Email** | My Alerts | My Favorites

Email Inbox

Edit | ? - X

New Memo | Reply | Reply to All | Forward | Delete | Folder

Urgent

	File Size	From	Subject	Received
<input type="checkbox"/>	0 (53k)	alertsysteem@chempetro.co.usa	System Outage CRU1 Reactor	06/10/06 3:24pm

Normal

	File Size	From	Subject	Received
<input type="checkbox"/>	0 (10k)	hgilmore@chempetro.co.usa	Order Processing reengineering ...	06/10/06 3:24pm
<input type="checkbox"/>	0 (112k)	sfulmer@chempetro.co.usa	Meeting in Boston on Tues ...	06/10/06 3:20pm
<input type="checkbox"/>	(76k)	sfulmer@chempetro.co.usa	Rental Car Arraingment ...	06/10/06 3:19pm
<input type="checkbox"/>	0 (65k)	khortab@chempetro.co.usa	New Shipping plan for East Coast ...	06/10/06 3:24pm
<input type="checkbox"/>	0 (37k)	mboston@chempetro.co.usa	Change in packaging fees?	06/10/06 3:20pm
<input type="checkbox"/>	(1271k)	lferguson@chempetro.co.usa	Auto-Insulator down for 4 days	06/10/06 3:19pm
<input type="checkbox"/>	0 (243k)	dranger@chempetro.co.usa	Company Picnic!	06/10/06 3:24pm
<input type="checkbox"/>	0 (16k)	psimpson@chempetro.co.usa	Unicef Pledge Drive	06/10/06 3:20pm
<input type="checkbox"/>	(18k)	hclef@chempetro.co.usa	Revised Shipment pricing targets.	06/10/06 3:19pm

No items are currently selected

Role: Scheduler

The screenshot displays an IBM email client interface. At the top, there is a navigation bar with links for 'My Portal', 'Edit my profile', and 'Logout'. Below this is a search bar with a 'Go' button and an 'Advanced Search' link. A secondary navigation bar contains 'My Home', 'My Workspace', 'My Dashboard', 'My Email', and 'My Alerts', along with a 'My Favorites' dropdown menu.

The main content area is divided into two sections:

- Email Write:** This section contains a form for composing an email. It includes buttons for 'Send', 'Delete', and 'Attach'. The 'To' field is populated with 'mjenkins@chempetro.com' and is circled in red. The 'Subject' field is empty and also circled in red. The date and time '10/19/2006 03:27 PM' are displayed. A large, empty text area for the email body is circled in red.
- Email Inbox:** This section shows a list of emails. The top entry is marked as 'Urgent' and is highlighted in blue. Action buttons for 'New Memo', 'Reply', 'Reply to All', 'Forward', 'Delete', and 'Folder' are visible above the list.

Role: Scheduler

My Portal | Edit my profile | Logout

Go

Advanced Search

My Home | My Workspace | My Dashboard | **My Email** | My Alerts | My Favorites

Email Write

Edit | ? - X

Send | Delete | Attach

mjenkins@chempetro.com

To: kstandings@chempetro.com

cc:

bcc:

10/19/2006 03:27 PM

Subject: CRU1 Remixed due to outage

Karl,

I have remixed CRU1 production schedule to keep up with maximum thru-put while there are repairs made on a down pump. Based on the remix we will have a couple of orders ship late but our target capacity for the quarter will still be met. You should see a slight dip in on time deliver of orders but not other significant iimpacts to tracking numbers from this quarter. Let me know if you need more details.

Thank you
Martha Jenkins

Email Inbox

Edit | ? - X

New Messages | Drafts | Deleted | All | Forward | Delete | Edit

Role: Scheduler

My Portal Edit my profile **Logout**

Advanced Search

My Home My Workspace My Dashboard **My Email** My Alerts My Favorites

Email Inbox

Edit | ? - X

New Memo Reply Reply to All Forward Delete Folder

Urgent

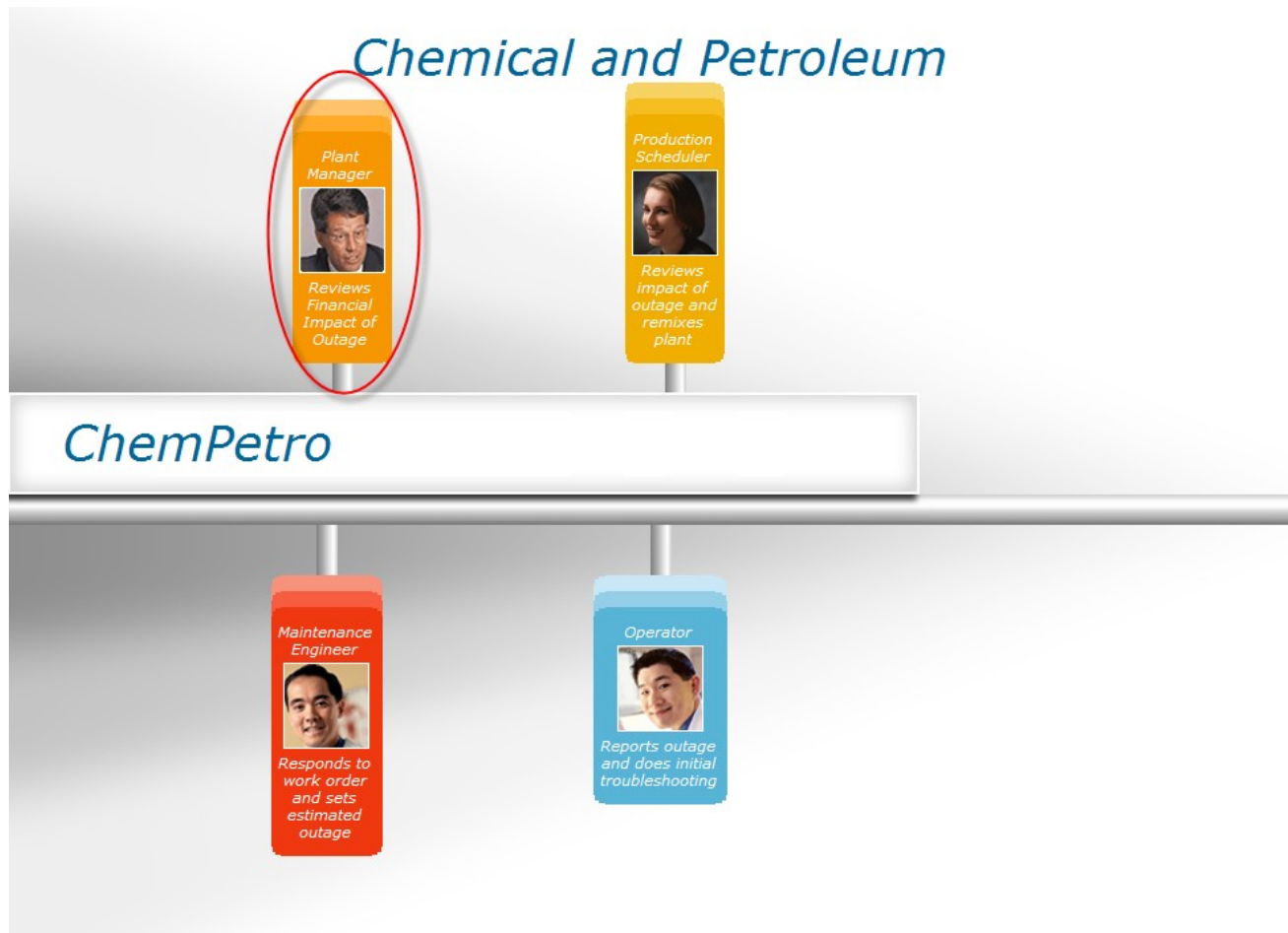
	File Size	From	Subject	Received
<input type="checkbox"/>	(53k)	alertsystem@chempetro.co.usa	System Outage CRU1 Reactor	06/10/06 3:24pm

Normal

	File Size	From	Subject	Received
<input type="checkbox"/>	(10k)	hgilmore@chempetro.co.usa	Order Processing reengineering ...	06/10/06 3:24pm
<input type="checkbox"/>	(112k)	sfulmer@chempetro.co.usa	Meeting in Boston on Tues ...	06/10/06 3:20pm
<input type="checkbox"/>	(76k)	sfulmer@chempetro.co.usa	Rental Car Arraingment ...	06/10/06 3:19pm
<input type="checkbox"/>	(65k)	khortab@chempetro.co.usa	New Shipping plan for East Coast ...	06/10/06 3:24pm
<input type="checkbox"/>	(37k)	mboston@chempetro.co.usa	Change in packaging fees?	06/10/06 3:20pm
<input type="checkbox"/>	(1271k)	lferguson@chempetro.co.usa	Auto-Insulator down for 4 days	06/10/06 3:19pm
<input type="checkbox"/>	(243k)	dranger@chempetro.co.usa	Company Picnic!	06/10/06 3:24pm
<input type="checkbox"/>	(16k)	psimpson@chempetro.co.usa	Unicef Pledge Drive	06/10/06 3:20pm
<input type="checkbox"/>	(18k)	hclef@chempetro.co.usa	Revised Shipment pricing targets.	06/10/06 3:19pm

No items are currently selected

Role: Plant Manager



Role: Plant Manager

My Portal Edit my profile Logout

Search Go

My Home My Workspace My Dashboard My Email My Favorites

Login Edit | ? - X

User ID:

Password:

Not registered? [Sign up](#)

Role: Plant Manager

My Portal Edit my profile Logout

Search Go

My Home My Workspace My Dashboard **My Email** My Favorites

Plant Injury Profile Edit | ? - X

Plant Injury Incident - 2006

[Global OII rate = 1.0](#)

[Global OII cases = 24](#)

[Days since last OII = 57](#)

News Edit | ? - X

iPlant External News

[Thailand: Major downgrades didn't appear](#) Thai News Service, September 01 2006, 154 words

[California Inventors Develop Titanium-Containing Interference Pigments](#) US Fed News, August 31 2005, 394 words

[Tekla Corporation enters into cooperation with Lujabetoni Oy](#) Nordic Business Report, August 21 2006, 111 words

[Investors Chronicle: MICHELMERSH BRICK \(MBH\)](#). Investors Chronicle, August 26 2006, 247 words

My News Edit | ? - X

My News and Information

The Edge offers numerous news resources including news reader, newsletters and reference links.

Check these resources at My Edge >

[My News and Information](#)

My Applications Edit | ? - X

iPlant Favorites

[ABB](#)

[SAP](#)

[Production Scheduling](#)

[e-Center](#)

[Extensity](#)

[WebEX](#)

[Portal Training](#)

[Process Quality Management](#)

[Kline Online](#)

[Legal](#)

[Procurement](#)

Role: Plant Manager

My Portal | Edit my profile | Logout

Search Go

My Home | My Workspace | My Dashboard | **My Email** | My Favorites

Email Inbox

Edit | ? - X

New Memo | Reply | Reply to All | Forward | Delete | Folder

Urgent

	File Size	From	Subject	Received
<input type="checkbox"/>	0 (53k)	mjenkins@chempetro.co.usa	CRU1 Remixed due to outage	06/10/06 3:24pm

Normal

	File Size	From	Subject	Received
<input type="checkbox"/>	0 (10k)	hgilmore@chempetro.co.usa	Order Processing reengineering ...	06/10/06 3:24pm
<input type="checkbox"/>	0 (112k)	sfulmer@chempetro.co.usa	Meeting in Boston on Tues ...	06/10/06 3:20pm
<input type="checkbox"/>	(76k)	sfulmer@chempetro.co.usa	Rental Car Arraingment ...	06/10/06 3:19pm
<input type="checkbox"/>	0 (65k)	khortab@chempetro.co.usa	New Shipping plan for East Coast ...	06/10/06 3:24pm
<input type="checkbox"/>	0 (37k)	mboston@chempetro.co.usa	Change in packaging fees?	06/10/06 3:20pm
<input type="checkbox"/>	(1271k)	lferguson@chempetro.co.usa	Auto-Insulator down for 4 days	06/10/06 3:19pm
<input type="checkbox"/>	0 (243k)	dranger@chempetro.co.usa	Company Picnic!	06/10/06 3:24pm
<input type="checkbox"/>	0 (16k)	psimpson@chempetro.co.usa	Unicef Pledge Drive	06/10/06 3:20pm
<input type="checkbox"/>	(18k)	hclef@chempetro.co.usa	Revised Shipment pricing targets.	06/10/06 3:19pm

No items are currently selected

Role: Plant Manager

My Portal Edit my profile Logout

Search Go

My Home My Workspace **My Dashboard** My Email My Favorites

Email Read

Edit | ? - X

New Memo Reply Reply to All Forward Delete Folder

mjenkins@chempetro.com

10/19/2006 03:27 PM

To: kstandings@chempetro.com
cc:
bcc:
Subject: CRU1 Remixed due to outage

Karl,

I've remixed CRU1's production schedule to keep up with maximum thru-put while there are repairs made on a down pump. Based on the remix we'll have a couple of orders ship late but our target capacity for the quarter will still be met. You should see a slight dip in on time deliver of orders but not other significant iimpacts to tracking numbers from this quarter. Let me know if you need more details.

Thank you
Martha Jenkins

Email Inbox

Edit | ? - X

New Memo Reply Reply to All Forward Delete Folder

Role: Plant Manager

My Portal | Edit my profile | Logout

Search [] Go

My Home | My Workspace | My Dashboard | My Email | My Favorites

Karl Standings View Information

Dennis Michaels
 Karl Standings
 Peter Brown
 Francis Meriwether
 Elizabeth Nahm
 Minh Li
 Matthias Kramer
 Stan Carrow
 Raimundo Martin

Search by: Name
 Search for: [] Search
 Advanced Search

My Alerts
 Sep 28, 2006
 A linked item has been deleted for Increase the number of claims handled by each adjuster.
 Sep 27, 2006
 Your score card has been sent back to you by Dennis Michaels.

Scorecard for Karl Standings

Scorecard state: Draft
 Display results for: This year

New Objective | Submit for Approval | Expand All | Import | Permissions

Objective	Status	Milestone Target	Actual	Variance	Change	Final Target
Efficiency						
▶ Asset Utilization	↓	90%	85%	-5%	-5%	90%
▶ Quality - Production/Waste Ratio	↓	90%				90%
Safety Performance Rate	↓	100%	99%			100%
Maintenance						
Unplanned MNT costs	↓	\$0.5 M	\$8.0 M	7.5%		\$0.5 M
▶ Unscheduled Overtime	↓	\$0.5 M	\$8.0M	\$7.5M		\$0.5 M
Plant Performance						
% Orders started on time	↓	100%	90%	10%	-10%	100%
Reportable Incidents and Spills	↓	0	1	1	1	0
Production Metrics						
Batches Produced	↑	600	595	5	-5	600
Regraded Batches Produced	↑	60	61	1	1	60
▶ Waste Lbs Produced	↓	100%	88%	-12%	0%	100%

Status Legend

Role: Plant Manager

My Portal Edit my profile Logout

Search Go

My Home My Workspace My Dashboard My Email My Favorites

New Objective for Karl Standings

Create an Objective
The **Objective name** you specify appears in your scorecard and is associated with a **Perspective**. Select a **Perspective**, **Value type**, and **Milestone**. Click **OK** to add to your scorecard.

* Objective name: [i](#)

Description: [i](#)

Perspective: [i](#)

Value type: [i](#)

Milestone: [i](#)

* Beginning value: [i](#)

* Target value: [i](#)

* Required field

Role: Plant Manager

My Portal | Edit my profile | Logout

Search [] Go

My Home | My Workspace | My Dashboard | My Email | My Favorites [v]

Karl Standings View Information [?]

Dennis Michaels
Karl Standings
 Peter Brown
 Francis Meriwether
 Elizabeth Nahm
 Minh Li
 Matthias Kramer
 Stan Carrow
 Raimundo Martin

Search by: Name [v]
 Search for: [] Search
[Advanced Search](#)

My Alerts [?]
 Sep 28, 2006
[A linked item has been deleted for Increase the number of claims handled by each adjuster.](#)
 Sep 27, 2006
[Your score card has been sent back to you by Dennis Michaels.](#)

Scorecard for Karl Standings [?]

Scorecard state: Draft
 Display results for: This year [v]

* [New Objective](#) | [Submit for Approval](#) | [Expand All](#) | [Import](#) | [Permissions](#)

Objective	Status	Milestone Target	Actual	Variance	Change	Final Target
Efficiency						
▶ Asset Utilization	⬇	90%	85%	-5%	-5%	90%
▶ Quality - Production/Waste Ratio	⬇	90%				90%
Safety Performance Rate	⬇	100%	99%			100%
Maintenance						
Unplanned MNT costs	⬇	\$0.5 M	\$8.0 M	7.5%		\$0.5 M
🔧 Aggressive Pump Maintenance	⬇					\$25
▶ Unscheduled Overtime			\$8.0M	\$7.5M		\$0.5 M
Plant Performance						
% Orders started on time			90%	10%	-10%	100%
Reportable Incidents and Spills			1	1	1	0
Production Metrics						
Batches Produced	Complete		595	5	-5	600
Regraded Batches Produced	Delete		61	1	1	60
▶ Waste Lbs Produced	100%		88%	-12%	0%	100%

[Status Legend](#)

Role: Plant Manager

My Portal Edit my profile Logout

Search Go

My Home My Workspace My Dashboard My Email My Favorites

Properties for Aggressive Pump Maintenance ?

Basic Settings Targets Data Source **Linkages** Web Resources History

* Objective name:

Description:

Perspective:

Value type:

Milestone:

* Required field

Ok Cancel

Role: Plant Manager

The screenshot displays the IBM Plant Manager web interface. At the top, there is a navigation bar with links for 'My Portal', 'Edit my profile', and 'Logout'. Below this is a search bar and a 'Go' button. A secondary navigation bar contains 'My Home', 'My Workspace', 'My Dashboard', 'My Email', and 'My Favorites'. The main content area is titled 'Properties Aggressive Pump Maintenance' and features a tabbed interface with 'Basic Settings', 'Targets', 'Data Source', 'Linkages', 'Web Resources', and 'History'. The 'Linkages' tab is active, showing a 'Push Objective' button circled in red. Below the button, there is a text area stating 'There are no linkages for this objective.' and 'OK' and 'Cancel' buttons at the bottom.

My Portal Edit my profile Logout

Search Go

My Home My Workspace My Dashboard My Email My Favorites

Properties Aggressive Pump Maintenance

Basic Settings Targets Data Source Linkages Web Resources History

Push Objective
To specify recipients of the pushed objective, click **Find Person** and select people or groups. When you push an objective to others, a new objective is created for them with your suggested targets. The new objective is aligned with this objective. If you select more than one person, the **Suggested target** is distributed to each recipient. To change the allocations for each recipient, click **Push Objective**, then hover over the objective name in the table and use the contextual menu to edit.

[Push Objective](#) Link to Existing Objective

There are no linkages for this objective.

OK Cancel

Role: Plant Manager

My Portal Edit my profile Logout

Search Go

My Home My Workspace My Dashboard My Email My Favorites

Complete Additional Pump Maintenance Program

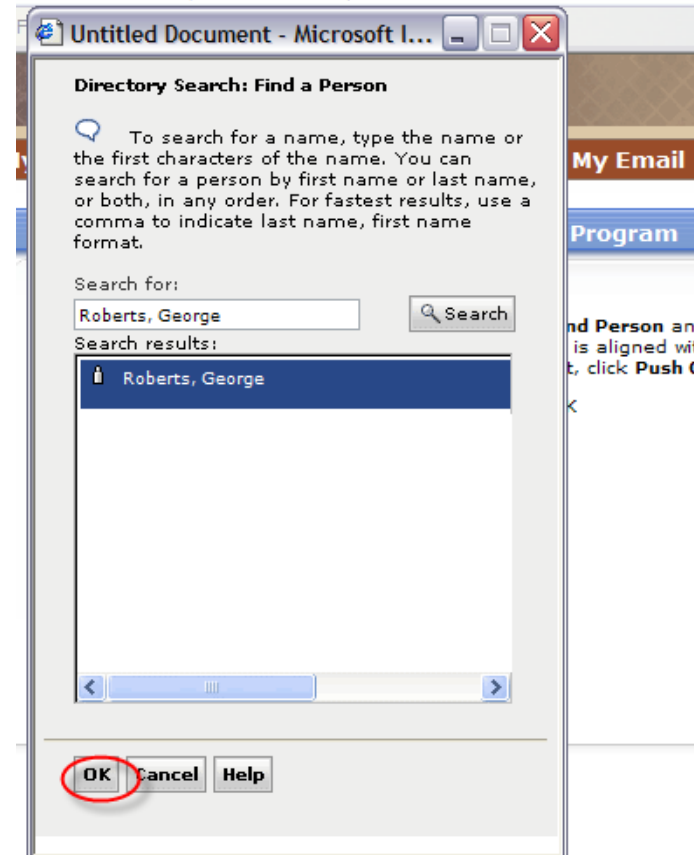
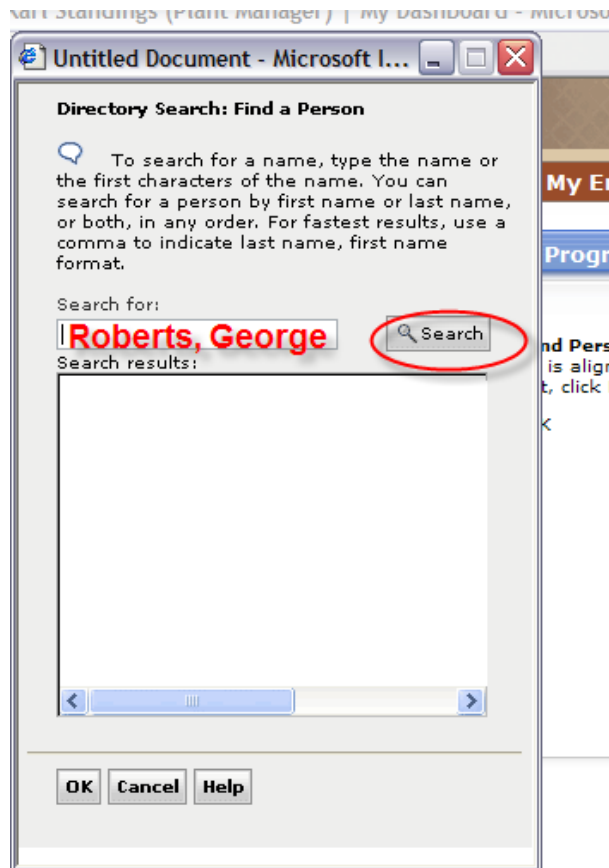
Push Objective
To specify recipients of the pushed objective, click **Find Person** and select people or groups. When you push an objective to others, a new objective is created for them with your suggested targets. The new objective is aligned with this objective. If you select more than one person, the **Suggested target** is distributed to each recipient. To change the allocations for each recipient, click **Push Objective**, then hover over the objective name in the table and use the contextual menu to edit.

Available for allocation: 200 K Objective target: 25 K

Find Person

Push Objective Cancel

Role: Plant Manager



Role: Plant Manager

The screenshot displays a web portal interface for a Plant Manager. At the top, there are navigation links: "My Portal", "Edit my profile", and "Logout". A search bar with a "Go" button is also present. Below this is a main navigation bar with tabs for "My Home", "My Workspace", "My Dashboard", and "My Email", along with a "My Favorites" dropdown menu. The main content area features a blue header for "Complete Additional Pump Maintenance Program".

Push Objective
To specify recipients of the pushed objective, click **Find Person** and select people or groups. When you push an objective to others, a new objective is created for them with your suggested targets. The new objective is aligned with this objective. If you select more than one person, the **Suggested target** is distributed to each recipient. To change the allocations for each recipient, click **Push Objective**, then hover over the objective name in the table and use the contextual menu to edit.

Available for allocation: 200 K Objective target: 25 K

Find Person

George Roberts george.roberts@Chempetro.com

Push Objective **Cancel**

Role: Plant Manager

The screenshot displays the IBM Plant Manager web interface. At the top, there is a navigation bar with links for 'My Portal', 'Edit my profile', and 'Logout'. Below this is a search bar with a 'Go' button. The main navigation menu includes 'My Home', 'My Workspace', 'My Dashboard', 'My Email', and 'My Favorites'. The current page is titled 'Properties Aggressive Pump Maintenance'.

Push Objective
To specify recipients of the pushed objective, click **Find Person** and select people or groups. When you push an objective to others, a new objective is created for them with your suggested targets. The new objective is aligned with this objective. If you select more than one person, the **Suggested target** is distributed to each recipient. To change the allocations for each recipient, click **Push Objective**, then hover over the objective name in the table and use the contextual menu to edit.

Available for allocation: 200 K Objective target: 25 K

Find Person

Recipients:

Objective owner	Email Address
George Roberts	george.roberts@chempetro.com

Page 1 of 1 Total: 1 Displayed: 1

* Objective name:
Aggressive Pump Maintenance

Description:
More aggressive pump maintenanc

* Suggested target:

* Required field

Push Objective Cancel

Role: Plant Manager

My Portal Edit my profile Logout

Search

My Home My Workspace **My Dashboard** My Email
My Favorites ▼

Perform Aggressive Pump Maintenance
?

Basic Settings
Targets
Data Source
Linkages
Web Resource
History

You can push your objective to others or link your objective to another person's existing objective. To push your objective to another person, click **Push Objective**. To link your objective to another objective, click **Link to Existing Objective**. If you push an objective to others, a new objective is created for them with your suggested targets. The new objective is aligned with this objective. If you link to an existing objective, your objective assumes the characteristics of the linked objective, and you need to specify the objective as a linkage type of alignment or dependency.

Push Objective
 Link to Existing Objective

Objective	Owner	Linkage Type	Target
Aggressive Pump Maintenance	George Roberts	Alignment	25 K (i)

Page 1 of 1
Total: 1 Displayed: 1

Aggregation type: Additive
 Available for allocation: 0

OK
Cancel

Role: Plant Manager

My Portal Edit my profile **Logout** Search Go

My Home My Workspace My Dashboard My Email My Favorites

Karl Standings
View Information

- Dennis Michaels
- Karl Standings**
- Peter Brown
- Francis Meriwether
- Elizabeth Nahm
- Minh Li
- Matthias Kramer
- Stan Carrow
- Raimundo Martin

Search by: Name Search Advanced Search

My Alerts

Sep 28, 2006
A linked item has been deleted for increase the number of claims handled by each adjuster.

Sep 27, 2006
Your score card has been sent back to you by Dennis Michaels.

Scorecard for Karl Standings

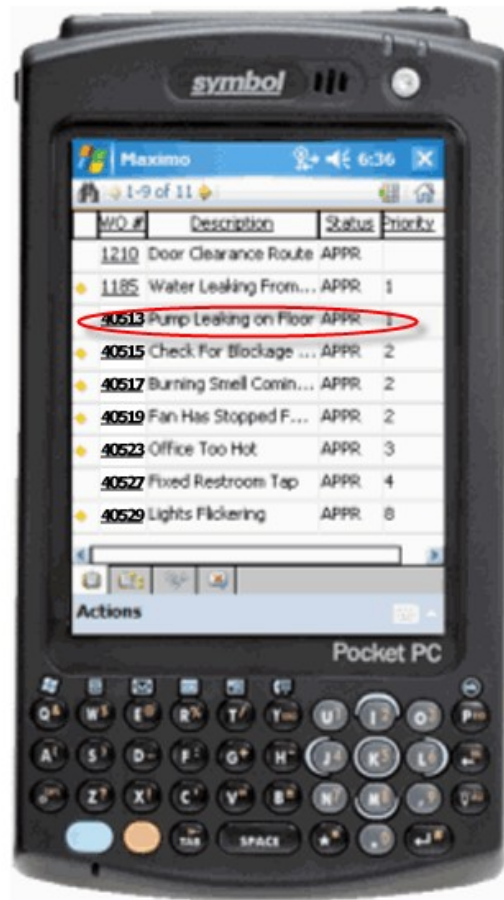
Scorecard state: Draft
Display results for: This year

New Objective Submit for Approval Expand All Import Permissions

Objective	Status	Milestone Target	Actual	Variance	Change	Final Target
Efficiency						
▶ Asset Utilization	↓	90%	85%	-5%	-5%	90%
▶ Quality - Production/Waste Ratio	↓	90%				90%
Safety Performance Rate	↓	100%	99%			100%
Maintenance						
Unplanned MNT costs	↓	\$0.5 M	\$8.0 M	7.5%		\$0.5 M
▶ Unscheduled Overtime	↓	\$0.5 M	\$8.0M	\$7.5M		\$0.5 M
Plant Performance						
% Orders started on time	↓	100%	90%	10%	-10%	100%
Reportable Incidents and Spills	↓	0	1	1	1	0
Production Metrics						
Batches Produced	↑	600	595	5	-5	600
Regraded Batches Produced	↑	60	61	1	1	60
▶ Waste Lbs Produced	↓	100%	88%	-12%	0%	100%

Status Legend

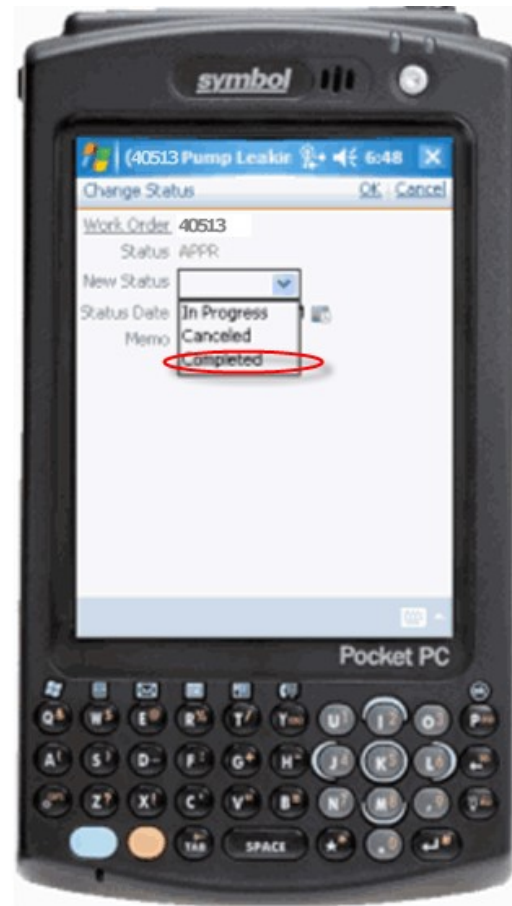
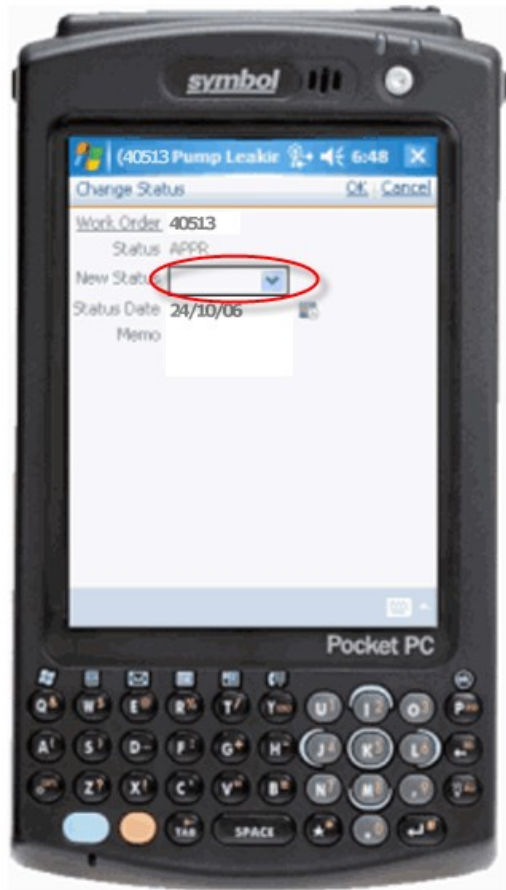
Role: Maintenance Technician



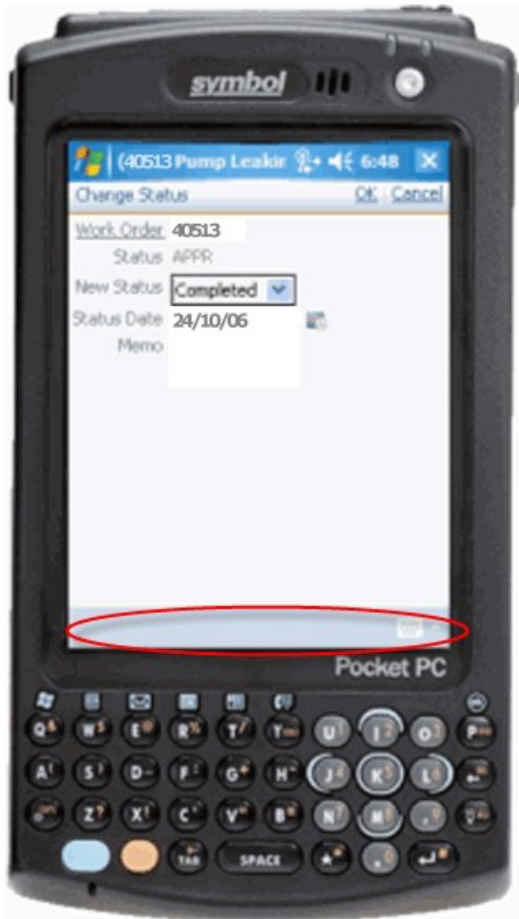
Role: Maintenance Technician



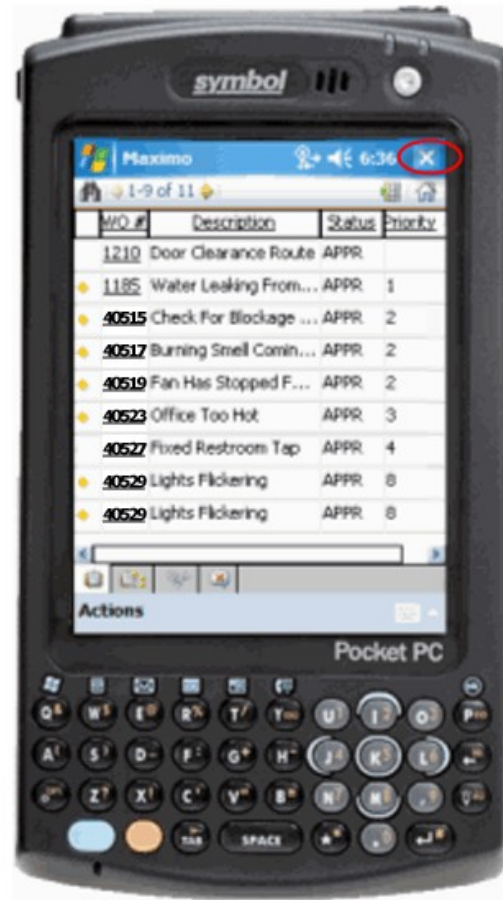
Role: Maintenance Technician



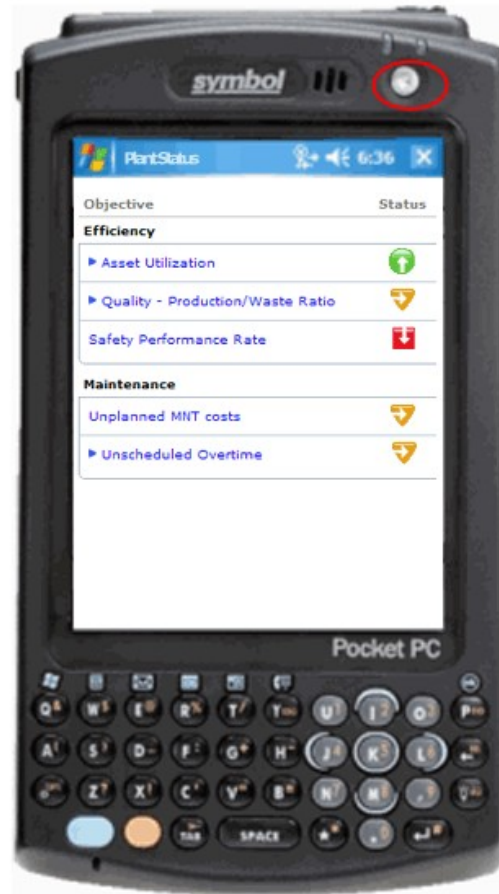
Role: Maintenance Technician



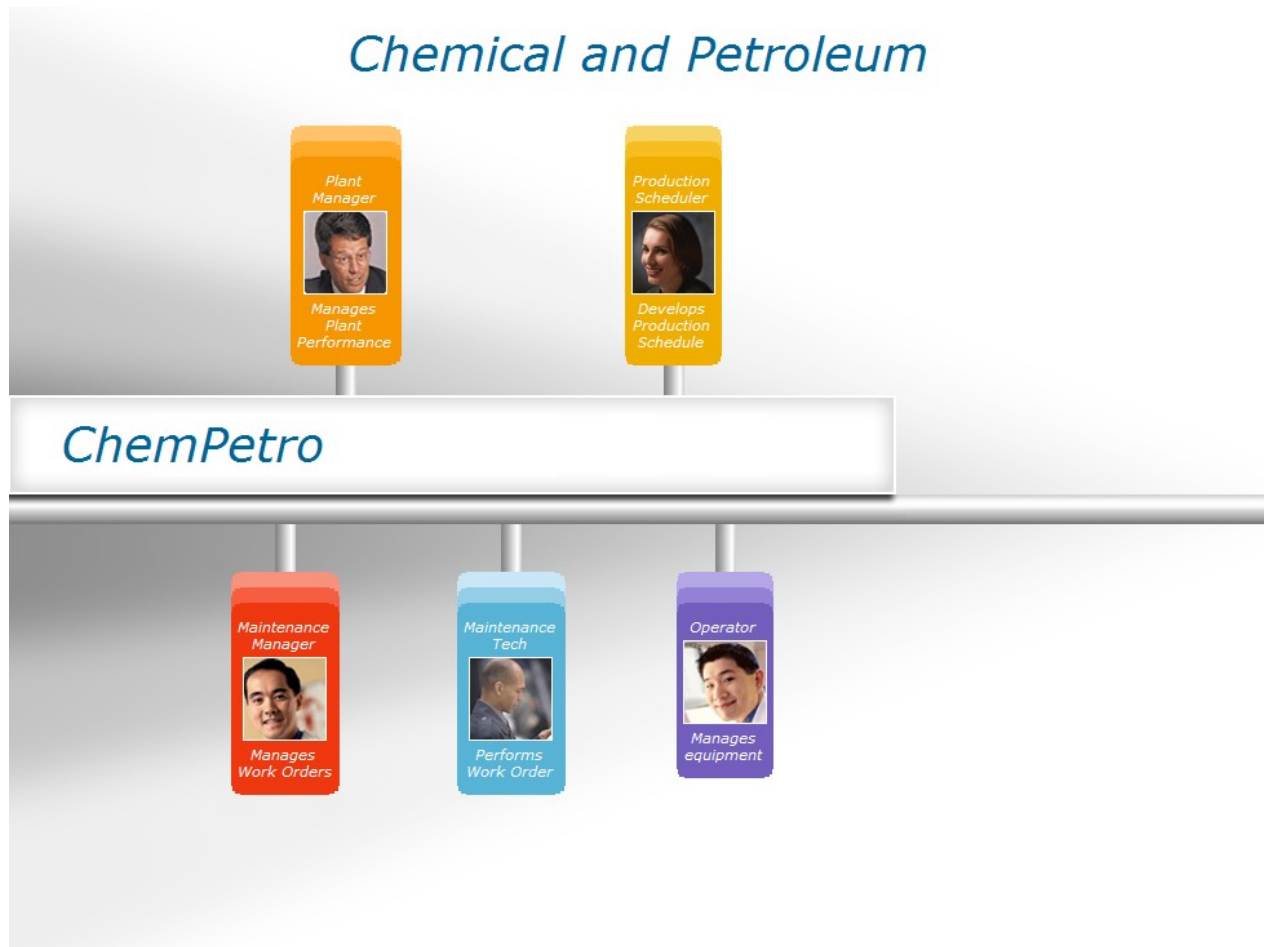
Role: Maintenance Technician



Role: Maintenance Technician



Role: Summary of iPlant Day in the Life Demo



Many IBM Software products are explicitly shown and more are used in the infrastructure. The main products with their role are:

Product

WebSphere Process Server

WebSphere Business Monitor

WebSphere Business Modeler

Workplace & WebSphere Portal

Lotus Sametime and Notes

Workplace Business Strategy Execution performance measurements across the organization

WebSphere Product Center

WebSphere Information Integrator

DB2

Quality Insight solution

Tivoli Security management

Tivoli Storage management

Tivoli Provisioning management

Maximo

SAP

Role in demo

Process integration platform with STAR standards used for SOA services

Real time process visibility and management of business

Business measures and process modeling shown via Monitor

People view of information and processes

Instant Messaging, Email and Calendar

performance measurements across the organization

Enterprise search across multiple systems

Data management

Quality information and analytics used across the organization

Secure access and collaboration

Maintain critical business data

Automatically directing IT resource to meet dealers' demands

Work Order Management

Scheduling