Network Technician On-Line Assessment System (eNTAS) Demo

ASTech
Atlantic Simulation & Training Technologies

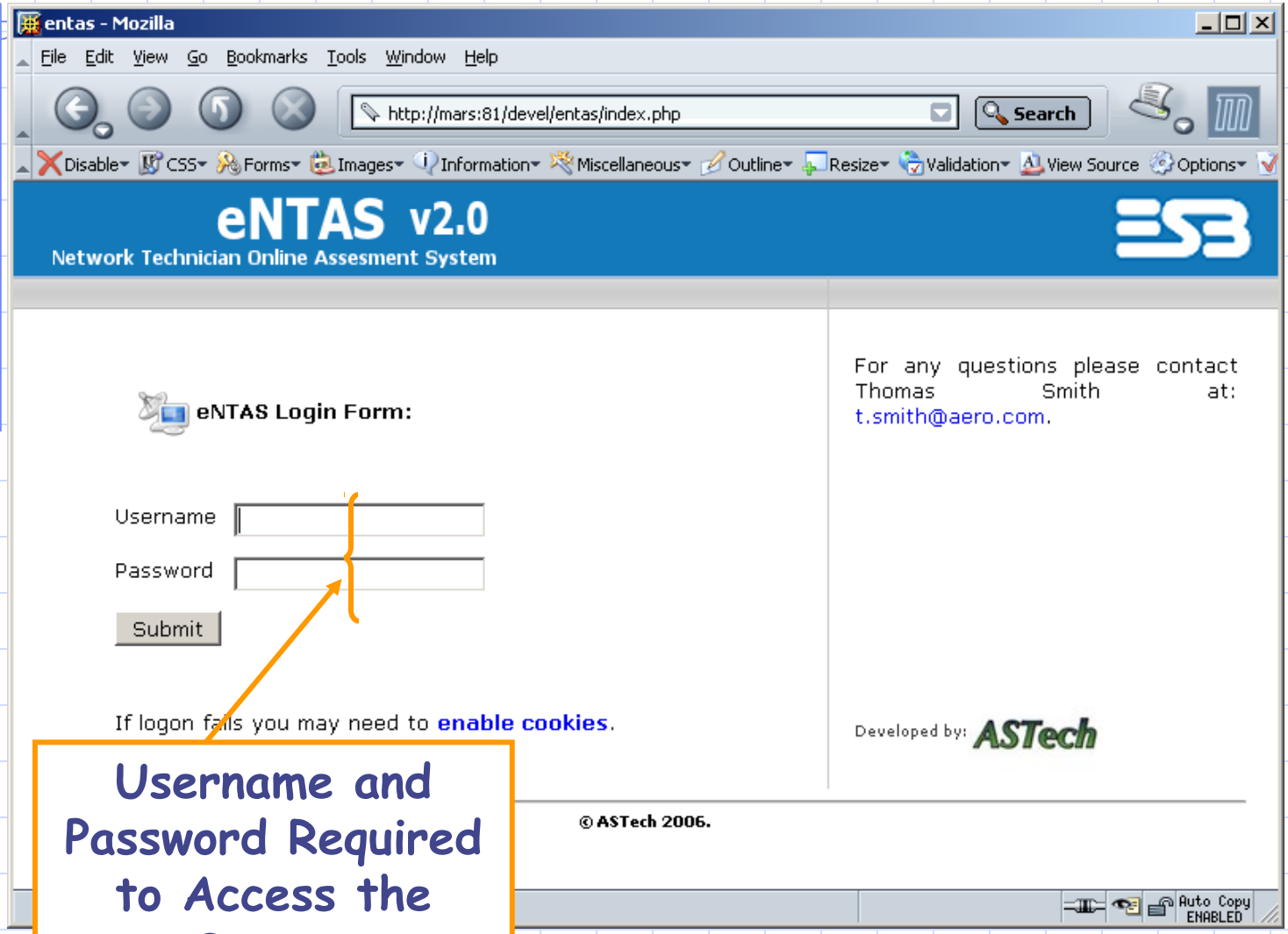
What is eNTAS

- The acronym eNTAS stands for On-Lin**e** **N**etwork **T**echnician **A**ssessment **S**ystem
- The system is used for on-line assesment of netwrok technicians based on:
  1. Multiple Choice Questions (MCQ)
  2. Development of Switching Plans

Features

- Intuitive User Interface very minimal training required for use by trainees;
- Using latest web technologies
- Secure access for all users over the ESB intranet
- Both MCQ and Switching Plan Exercises
- Automatic recording of assessments including statistical analysis
- Can be used as part of (i) approval or (ii)post training of network technicians.

Login Page

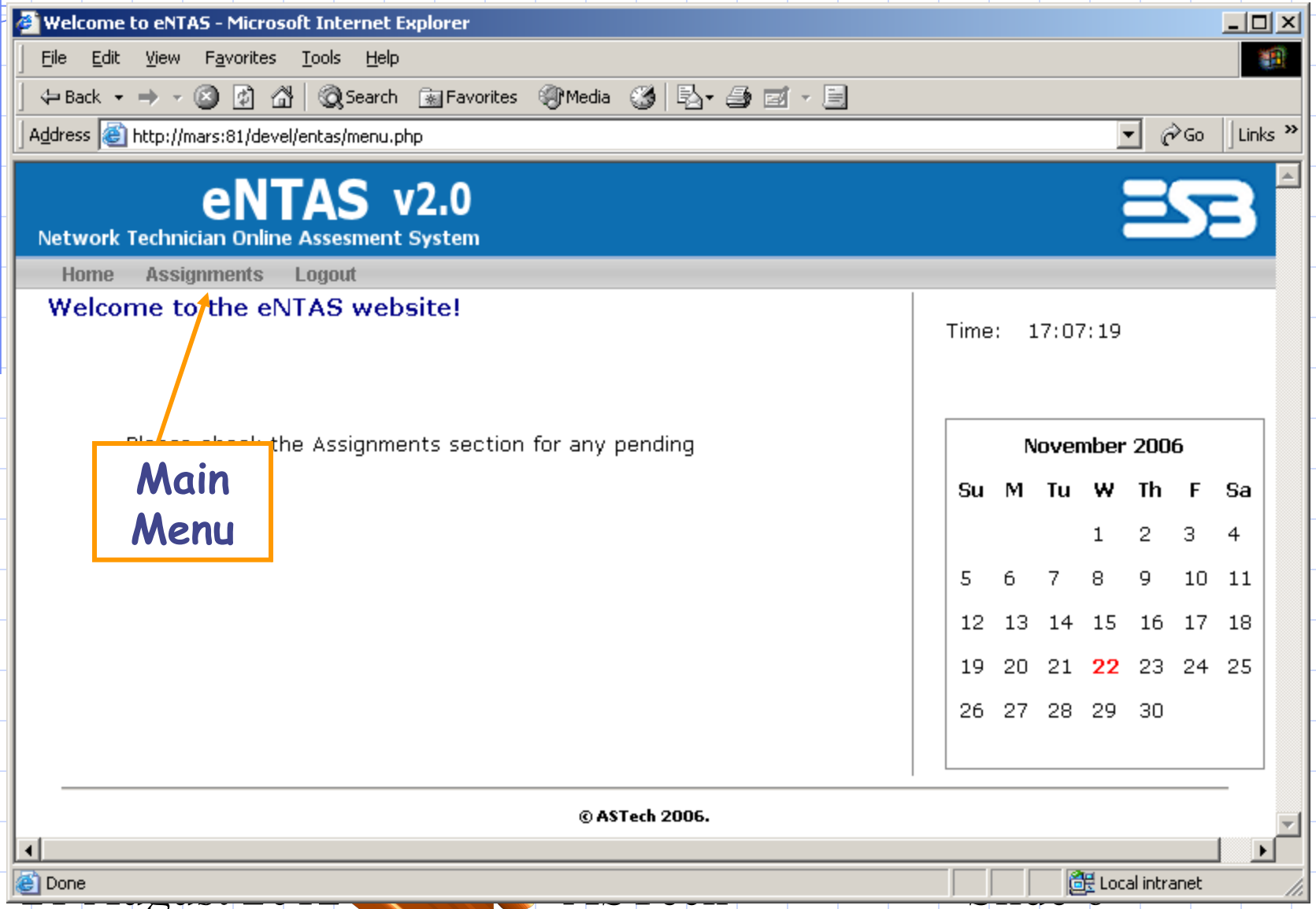


Username and Password Required to Access the System

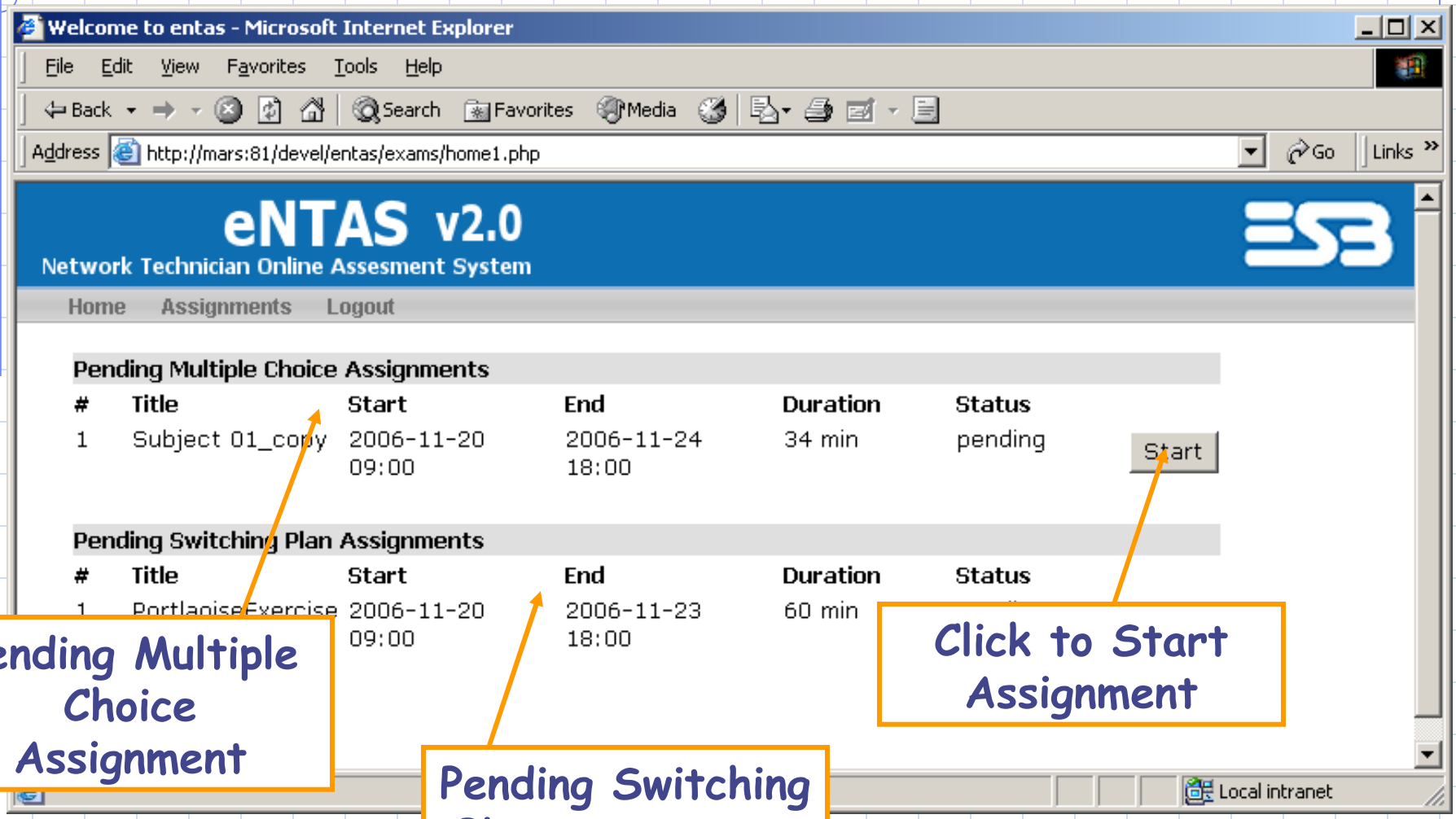
Trainee Access

NOTE!! The questions included are for illustration purposes only. Obviouslly the client adds their own questions.

Trainee's Homepage



Pending Assignments

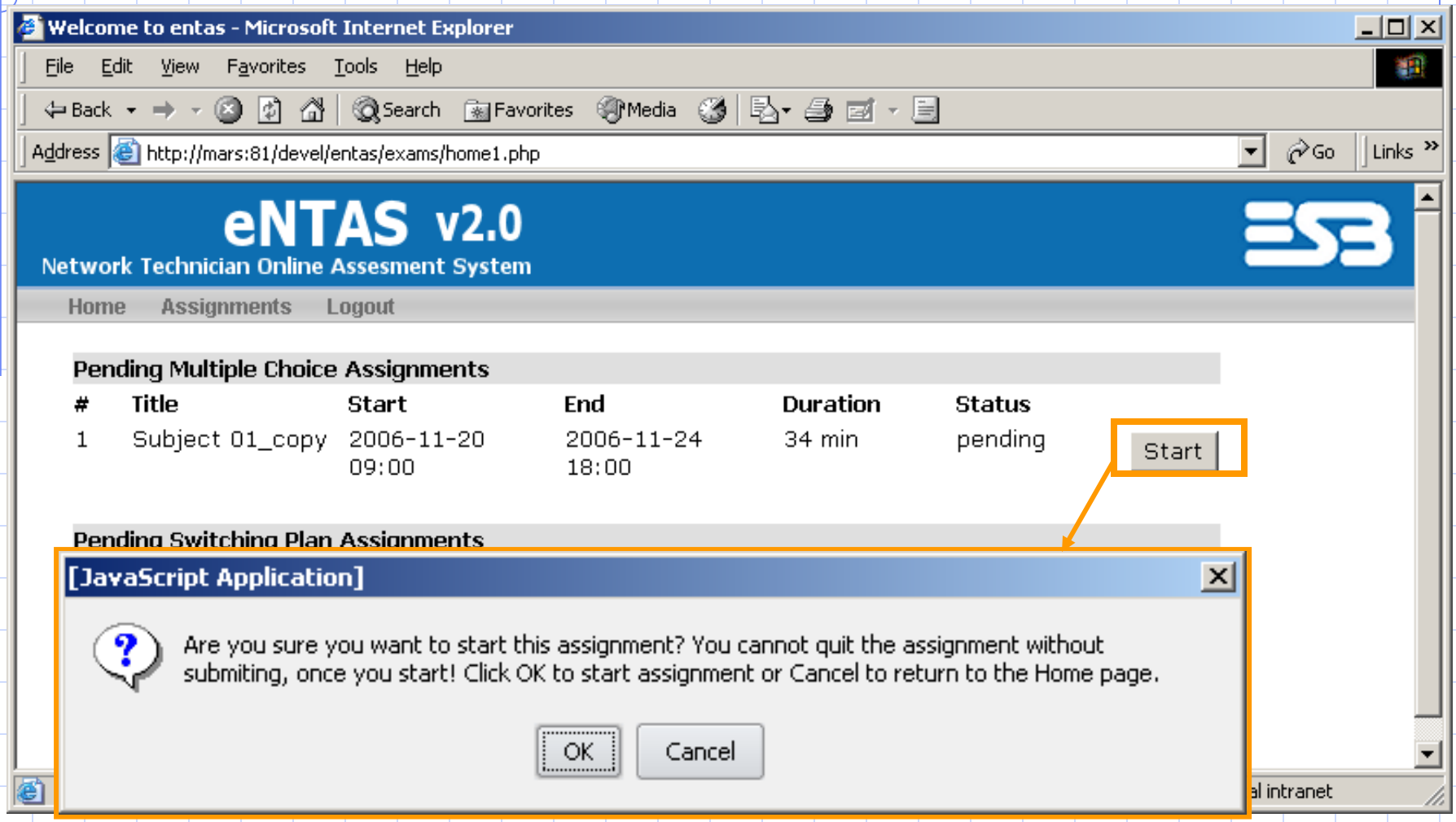


Pending Multiple Choice Assignment

Pending Switching Plan Assignment

Click to Start Assignment

Starting Assignment



Taking the Assignment

Network Technician On-Line Assessment System Demo

Help

Logged in: jay **Date:** January 27, 2005, 1:12 pm

Donovan Joyce Patrick **Assignment: Assignment 1** **Time Remaining:** 00:44:44

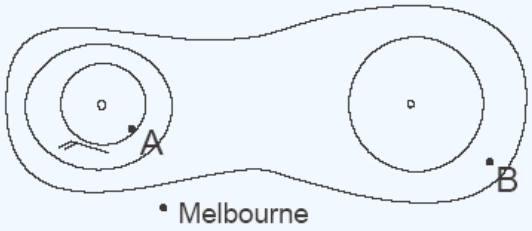
| Page 1 | | Page 2 | | Page 3 |

Q.1 Does the following report make sense?
LSZH 030500Z VRB02KT 5000 MIFG 02/02 Q1015 NOSIG

Points: 20%

- a) The report is not possible, because, with a temperature of 2°C and a dew point of 2°C there must be uniform fog.
- b) The report would never be seen, because shallow fog is not reported when the meteorological visibility is more than 2 km.
- c) The report is not possible, because it is impossible to observe a meteorolo
- d) The report is possible, because shallow fog is defined as a thin layer of fog

Q.2 On the diagram below on a flight from A to B at 1500 ft, which statemen



Points: 20%

- a) The true altitude at A is greater than B
- b) The true altitude at B is greater than A
- c) The true altitude is the same atboth points
- d) The relative true altitudes cannot be determined

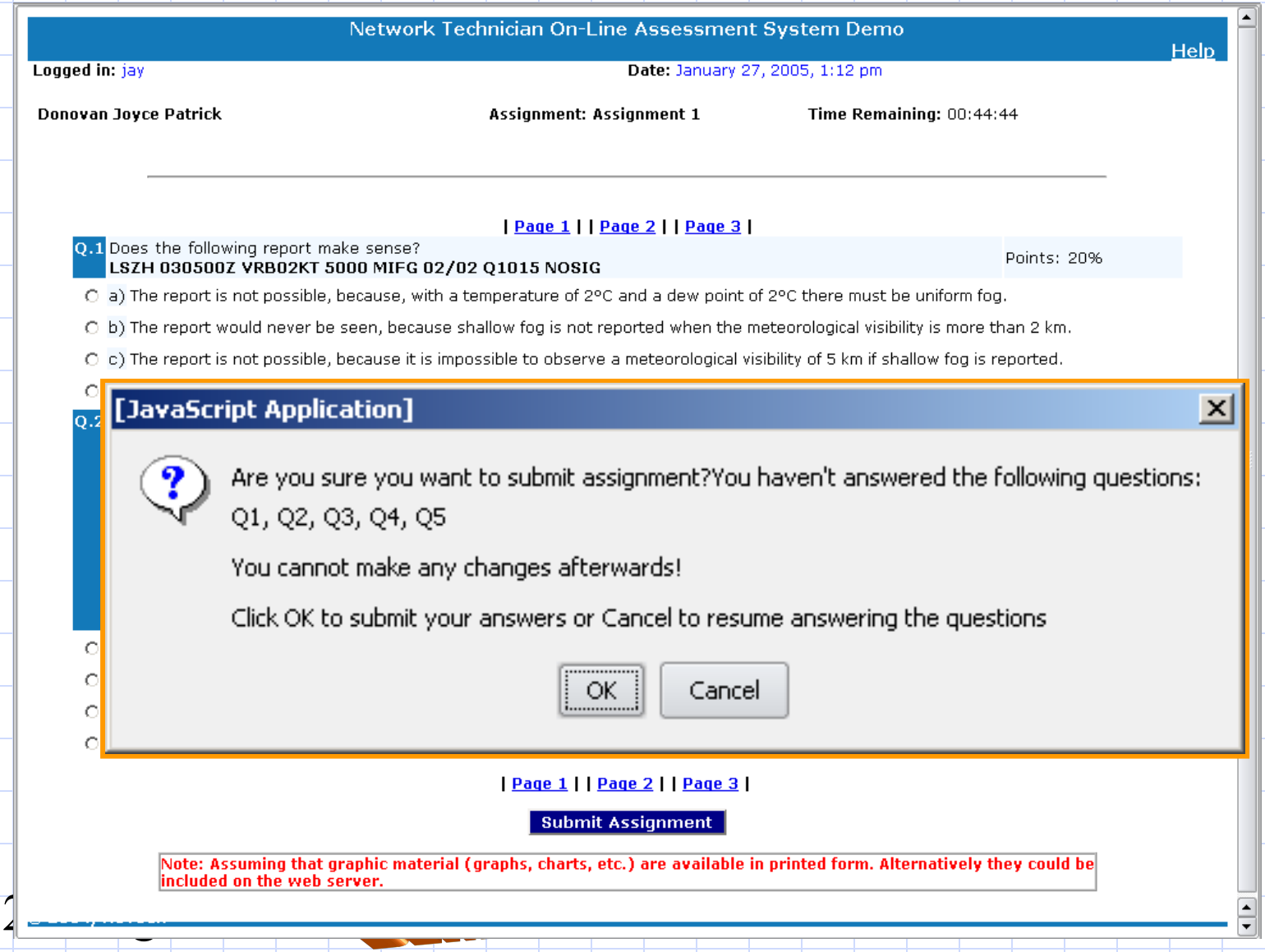
| Page 1 | | Page 2 | | Page 3 |

Submit Assignment

Note: Assuming that graphic material (graphs, charts, etc.) are available in printed form. Alternatively they could be included on the web server.

Move between Pages

Taking the Assignment



Taking the Assignment

Network Technician On-Line Assessment System Demo

Help

Logged in: jay **Date:** January 27, 2005, 1:12 pm

Donovan Joyce Patrick **Assignment: Assignment 1** **Time Remaining:** 00:44:44

| Page 1 | | Page 2 | | Page 3 |

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Points: 20%

- a) The report is not possible, because, with a temperature of 2°C and a dew point of 2°C there must be uniform fog.
- b) The report would never be seen, because shallow fog is not reported when the meteorological visibility is more than 2 km.
- c) The report is not possible, because it is impossible to observe a meteorological visibility of 5 km if shallow fog is reported.
- d) The report is possible, because shallow fog is defined as a thin layer of fog below eye level.

Q.2 On the diagram below on a flight from A to B at 1500 ft, which statemen tis true?

nts: 20%

- a) The true altitude a
- b) The true altitude a
- c) The true altitude is
- d) The relative true a

[JavaScript Application]

Your assignment results have been saved to the database.
Click OK to view your results.

OK

Submit Assignment

Note: Assuming that graphic material (graphs, charts, etc.) are available in printed form. Alternatively they could be included on the web server.

Network Technician On-Line Assessment System Demo

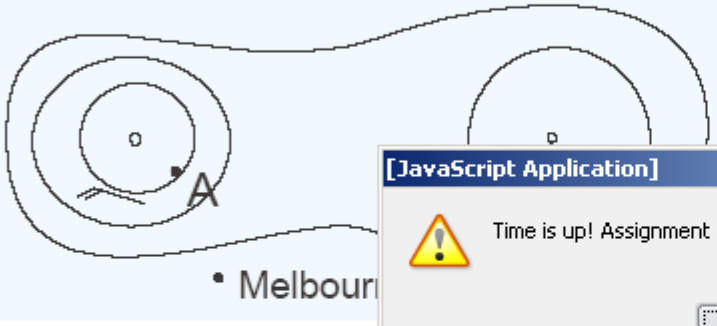
Help

Logged in: jay **Date:** January 27, 2005, 3:27 pm

Donovan Joyce Patrick **Assignment: Assignment 1** **Time Remaining:** 00:00:00

| Page 1 | | Page 2 | | Page 3 |

Q.1 On the diagram below on a flight from A to B at 1500 ft, which statemen tis true?



Points: 20%

[JavaScript Application]

Time is up! Assignment will now be automatically submitted.

OK

- a) The true altitude at A is grea
- b) The true altitude at B is greater than A
- c) The true altitude is the same atboth points
- d) The relative true altitudes cannot be determined

Q.2 The sun gives out ..... amounts of energy at ..... wavelengths whereas the earth gives out relatively ..... amounts of energy at relatively ..... wavelengths. The missing words are: Points: 20%

- a) large; large; small; small
- b) small; small; large; large
- c) large; large; small; large
- d) large; small; small; large

| Page 1 | | Page 2 | | Page 3 |

Submit Assignment

Assignment Results

Network Technician On-Line Assessment System Demo - Mozilla Firefox

Network Technician On-Line Assessment System Demo

Help

Logged in: jay **Date:** January 27, 2005, 1:20 pm

Assignment **Assignment 1** Date Set **January 27, 2005, 1:20 am**

You scored 20%

| Page 1 | | Page 2 | | Page 3 |

Q.1 Doe… **LSZ** …15 NOSIG

Selected Answer

a) The …ure of 2°C and a dew point of 2°C there must be uniform fog.

b) The report would never be seen, because shallow fog is not reported when the meteorological visibility is more than 2 km.

c) The report is not possible, because it is impossible to observe a meteorological visibility of 5 km if shallow fog is reported.

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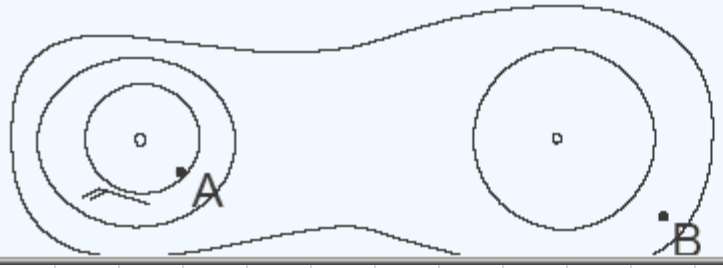
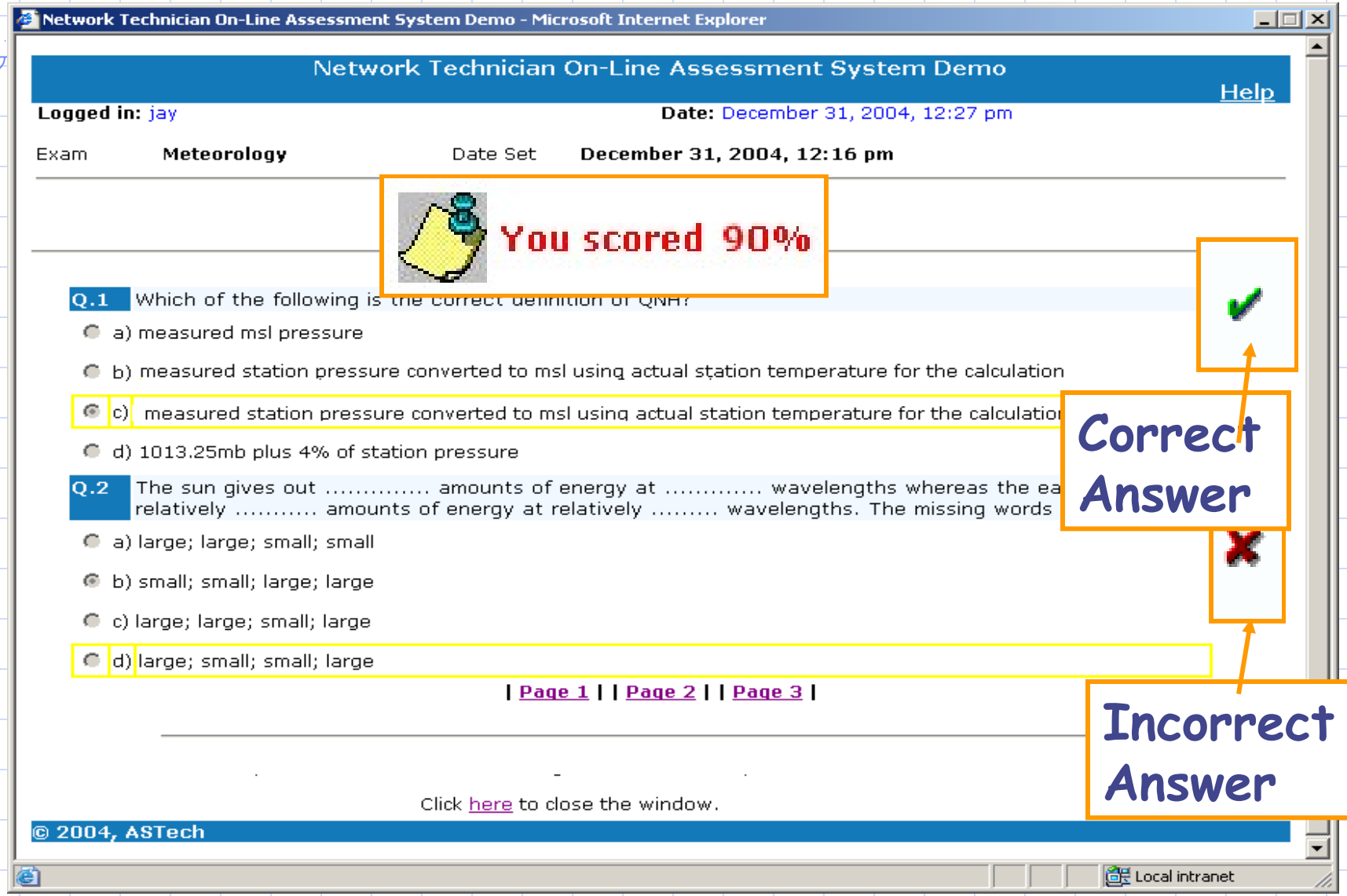
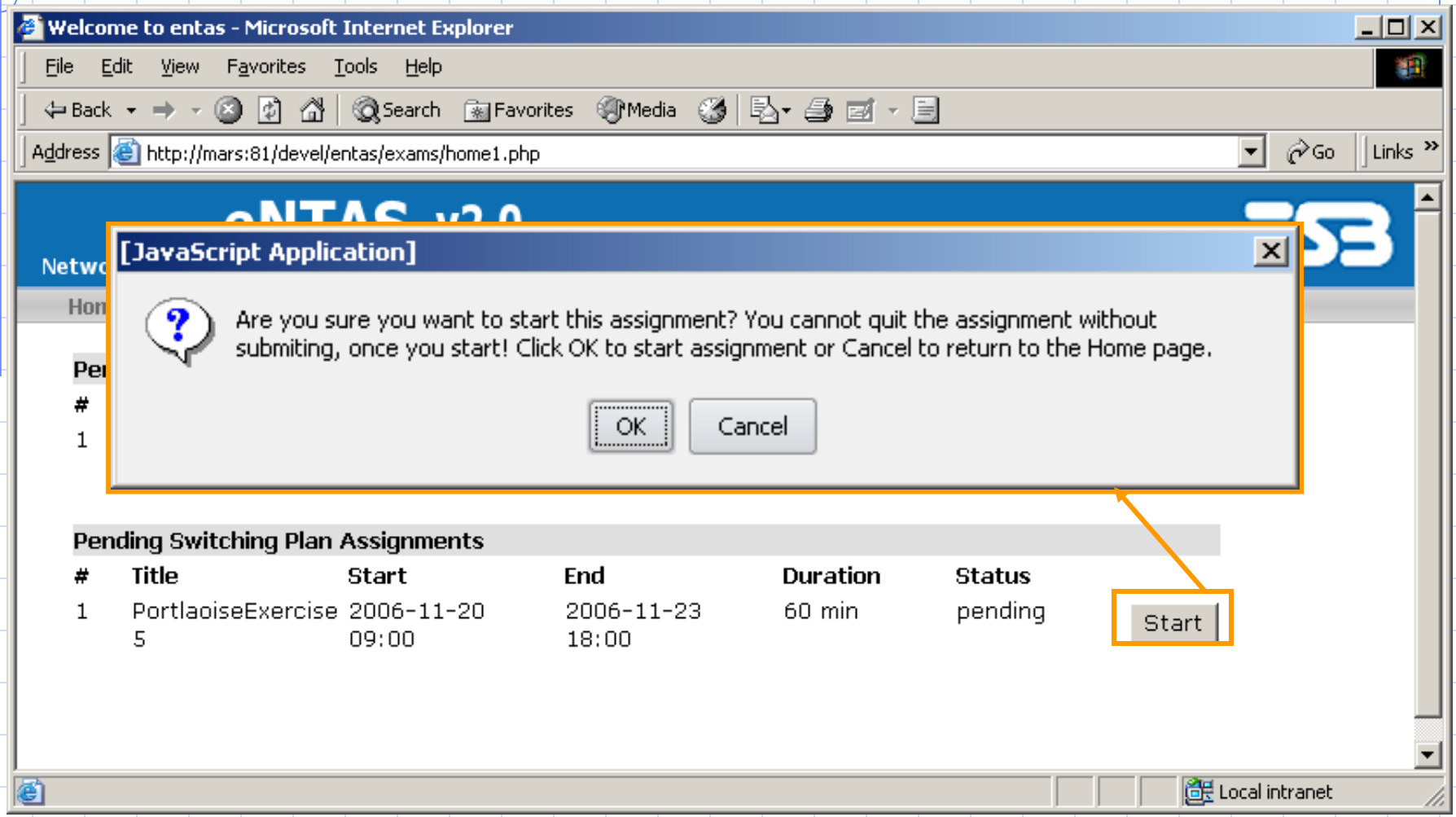


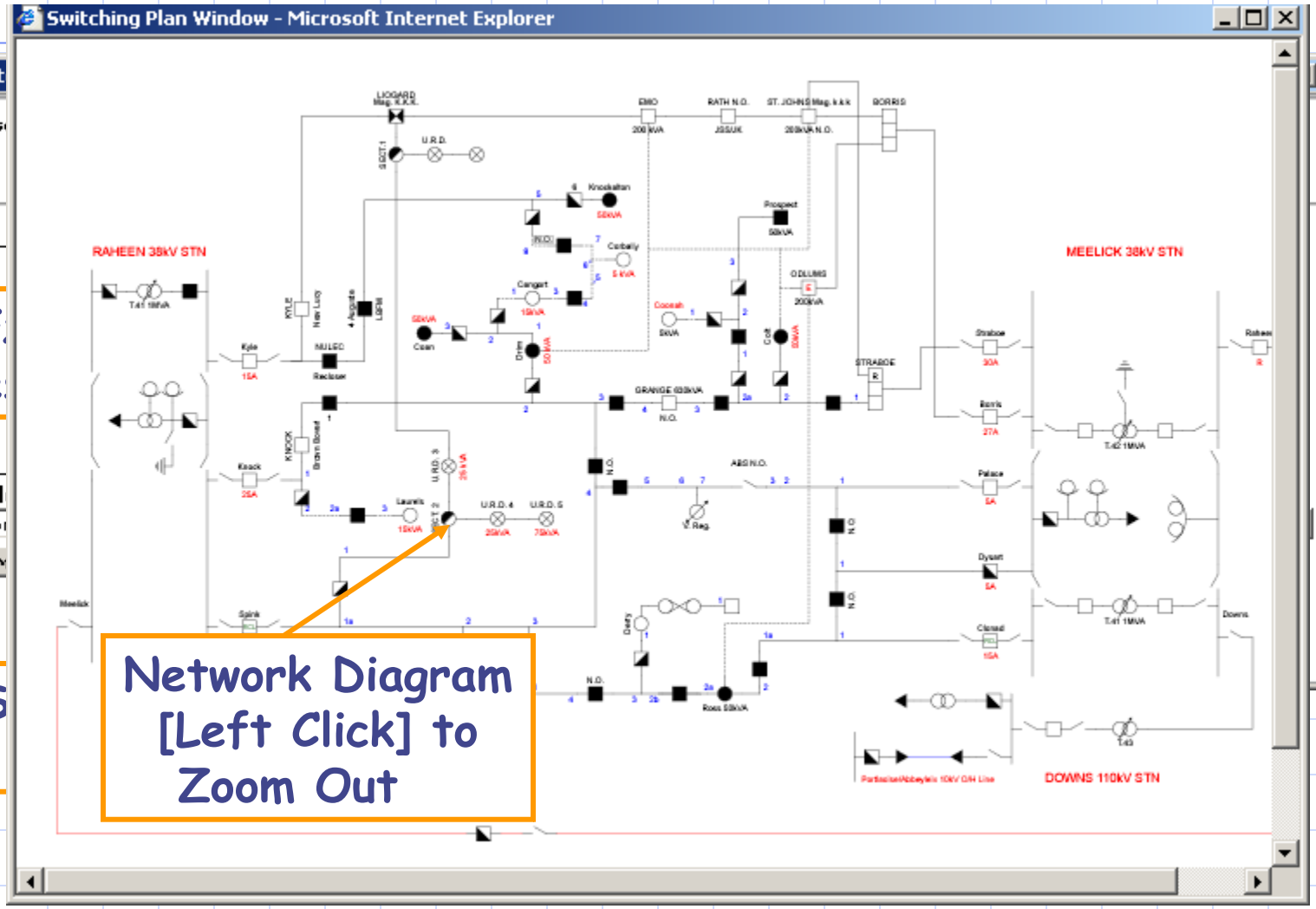
Assignment Results



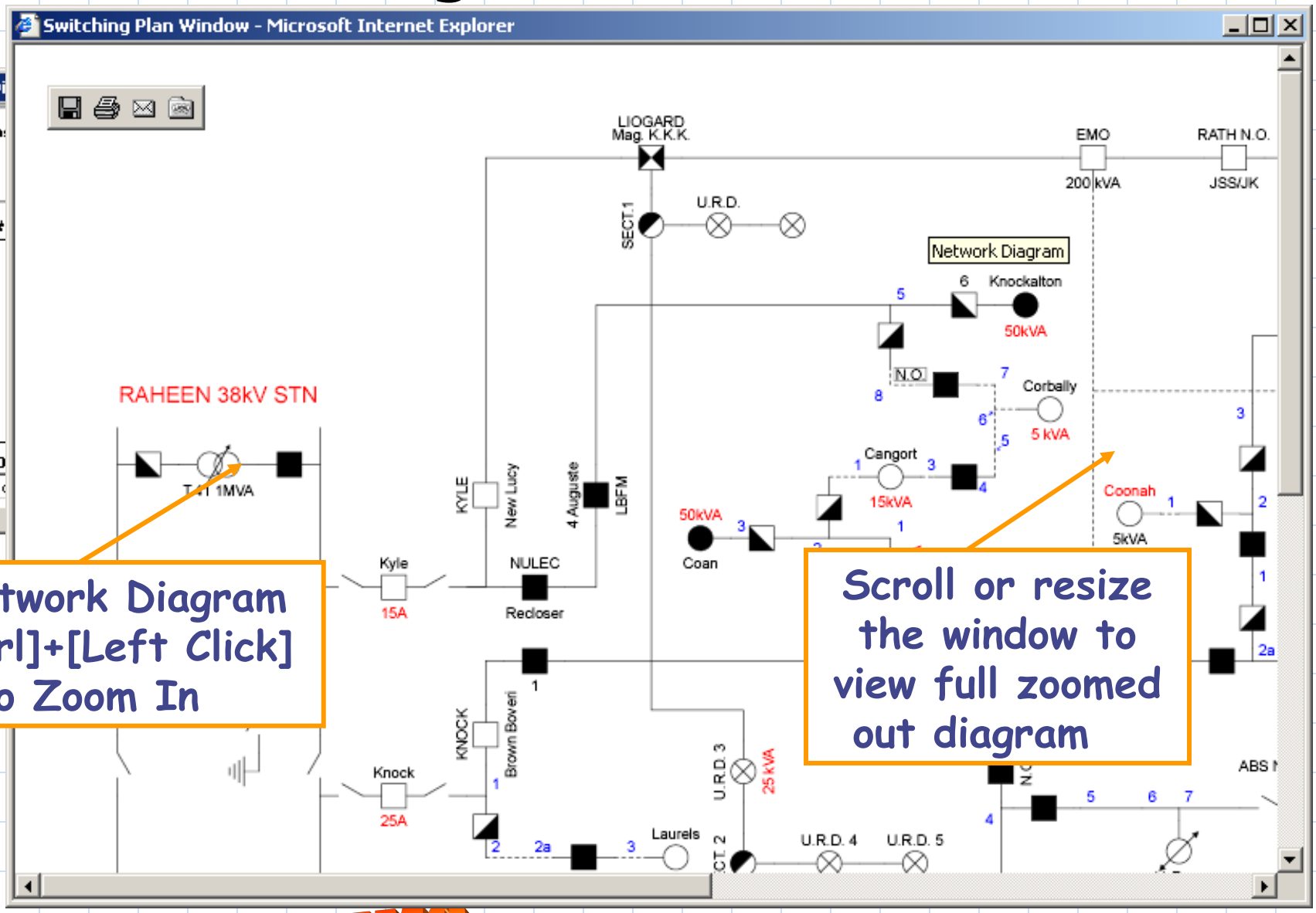
Start Switching Plan Assignment



Switching Plan Assignment

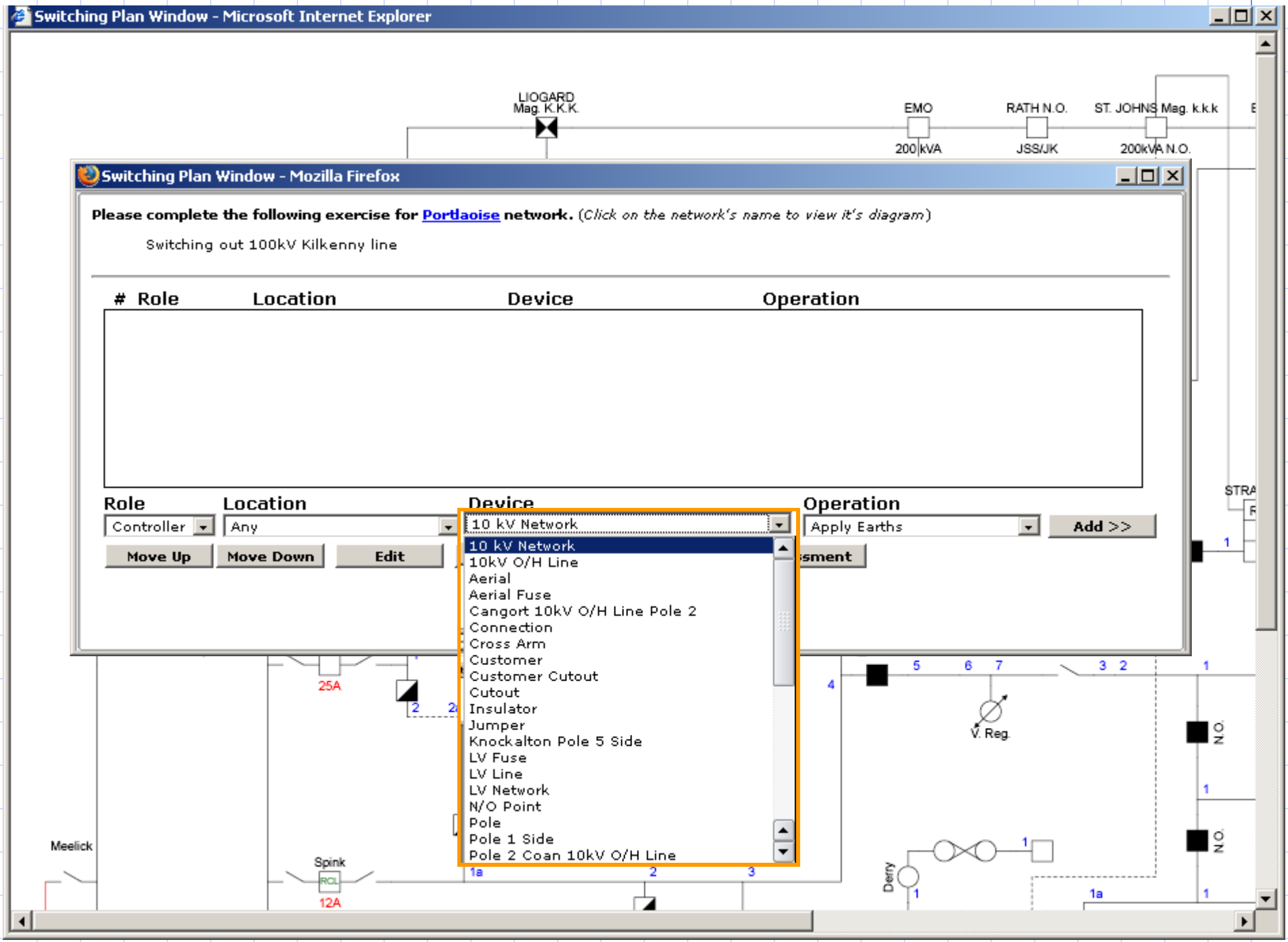


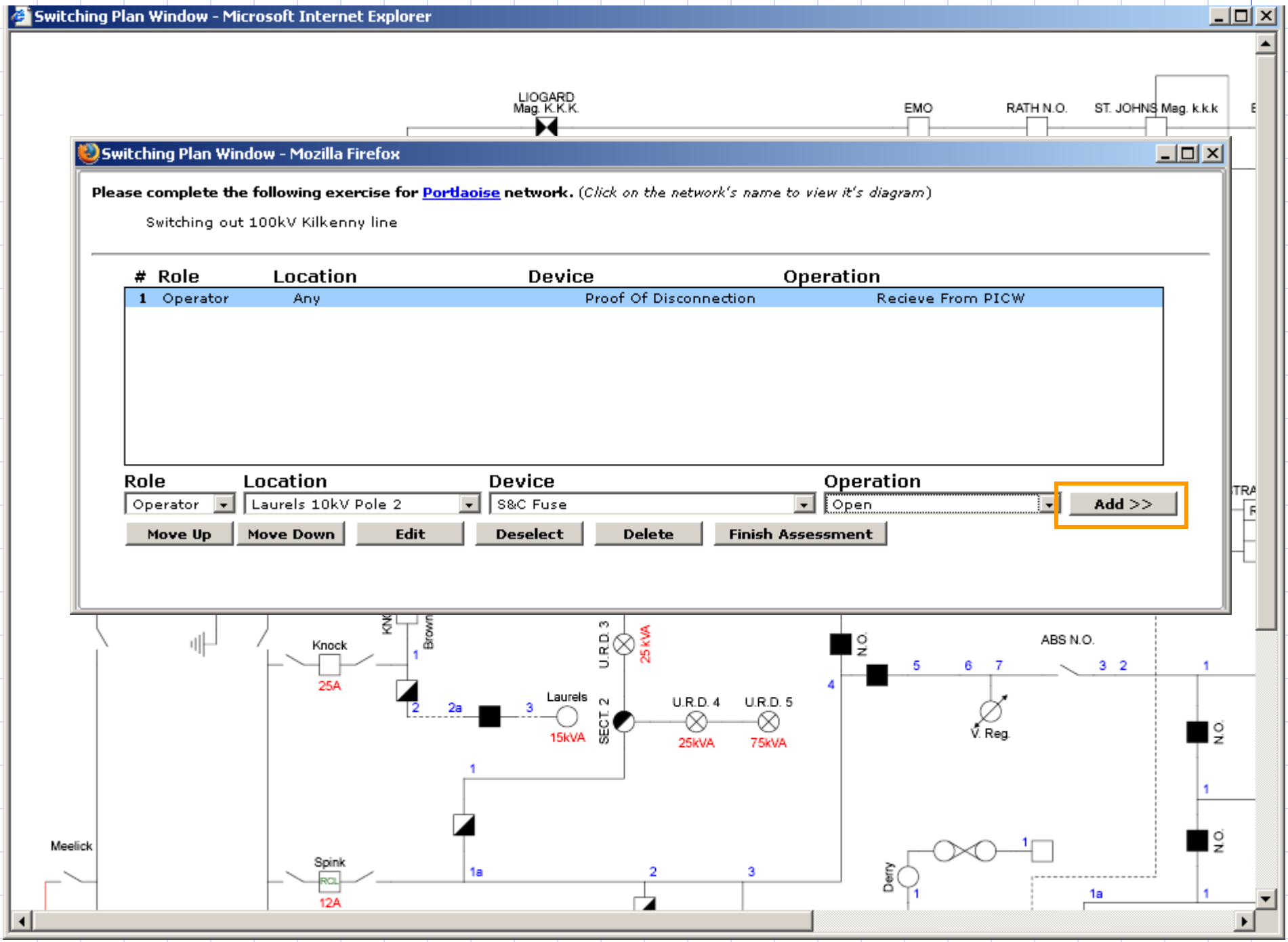
Network Diagram Zoomed Out

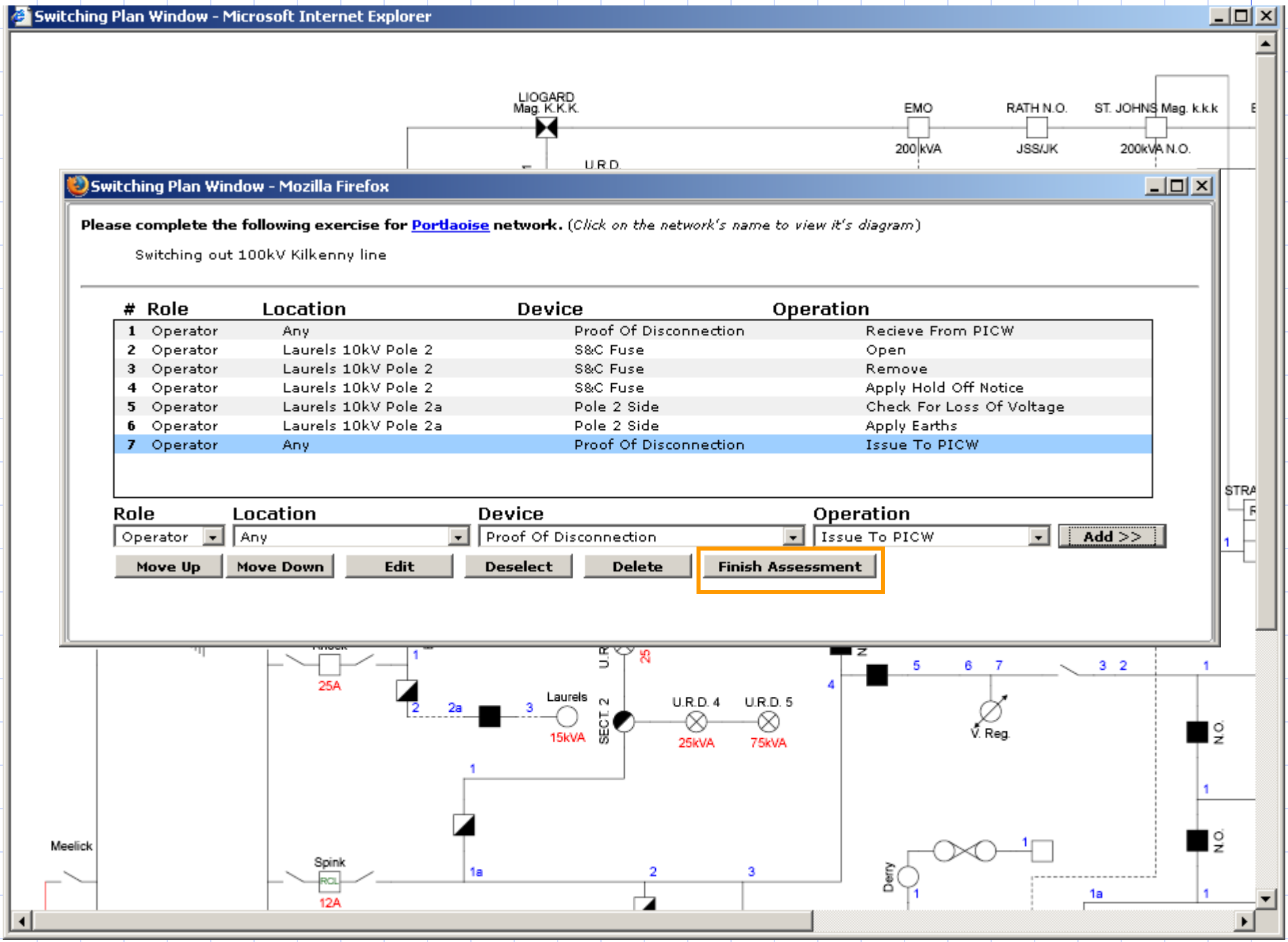


Network Diagram [Ctrl]+[Left Click] to Zoom In

Scroll or resize the window to view full zoomed out diagram


Switching Plan Window - Microsoft Internet Explorer
LIOGARD
Mag. K.K.K.
EMO
200 kVA
RATH N.O.
JSS/JK
ST. JOHNS Mag. k.k.k
200kVA N.O.
Switching Plan Window - Mozilla Firefox
Please complete the following exercise for Portlaoise network. (Click on the network's name to view it's diagram)
Switching out 100kV Kilkenny line
Role
Location
Device
Operation
Role
Controller
Location
Any
Device
10 kV Network
Operation
Apply Earths
Add >>
Move Up
Move Down
Edit
10 kV Network
10kV O/H Line
Aerial
Aerial Fuse
Cangort 10kV O/H Line Pole 2
Connection
Cross Arm
Customer
Customer Cutout
Cutout
Insulator
Jumper
Knockalton Pole 5 Side
LV Fuse
LV Line
LV Network
N/O Point
Pole
Pole 1 Side
Pole 2 Coan 10kV O/H Line
25A
V. Reg.
N.O.
Meelick
Spink
12A
Derry
STRA


Switching Plan Window - Microsoft Internet Explorer
LIOGARD
Mag. K.K.K.
EMO
RATH N.O.
ST. JOHNS Mag. k.k.k
Switching Plan Window - Mozilla Firefox
Please complete the following exercise for Portlaoise network. (Click on the network's name to view it's diagram)
Switching out 100kV Kilkenny line
Role Location Device Operation
1 Operator Any Proof Of Disconnection Recieve From PICW
Role
Operator
Location
Laurels 10kV Pole 2
Device
S&C Fuse
Operation
Open
Add >>
Move Up
Move Down
Edit
Deselect
Delete
Finish Assessment
Knock
25A
Brown
U.R.D. 3
25 kVA
Laurels
15kVA
SECT. 2
U.R.D. 4
25kVA
U.R.D. 5
75kVA
N.O.
ABS N.O.
V. Reg.
Meelick
Spink
RCL
12A
Derry


Switching Plan Window - Microsoft Internet Explorer
LIOGARD
Mag. K.K.K.
EMO
200 kVA
RATH N.O.
JSS/JK
ST. JOHNS Mag. k.k.k
200kVA N.O.
U.R.D.
Switching Plan Window - Mozilla Firefox
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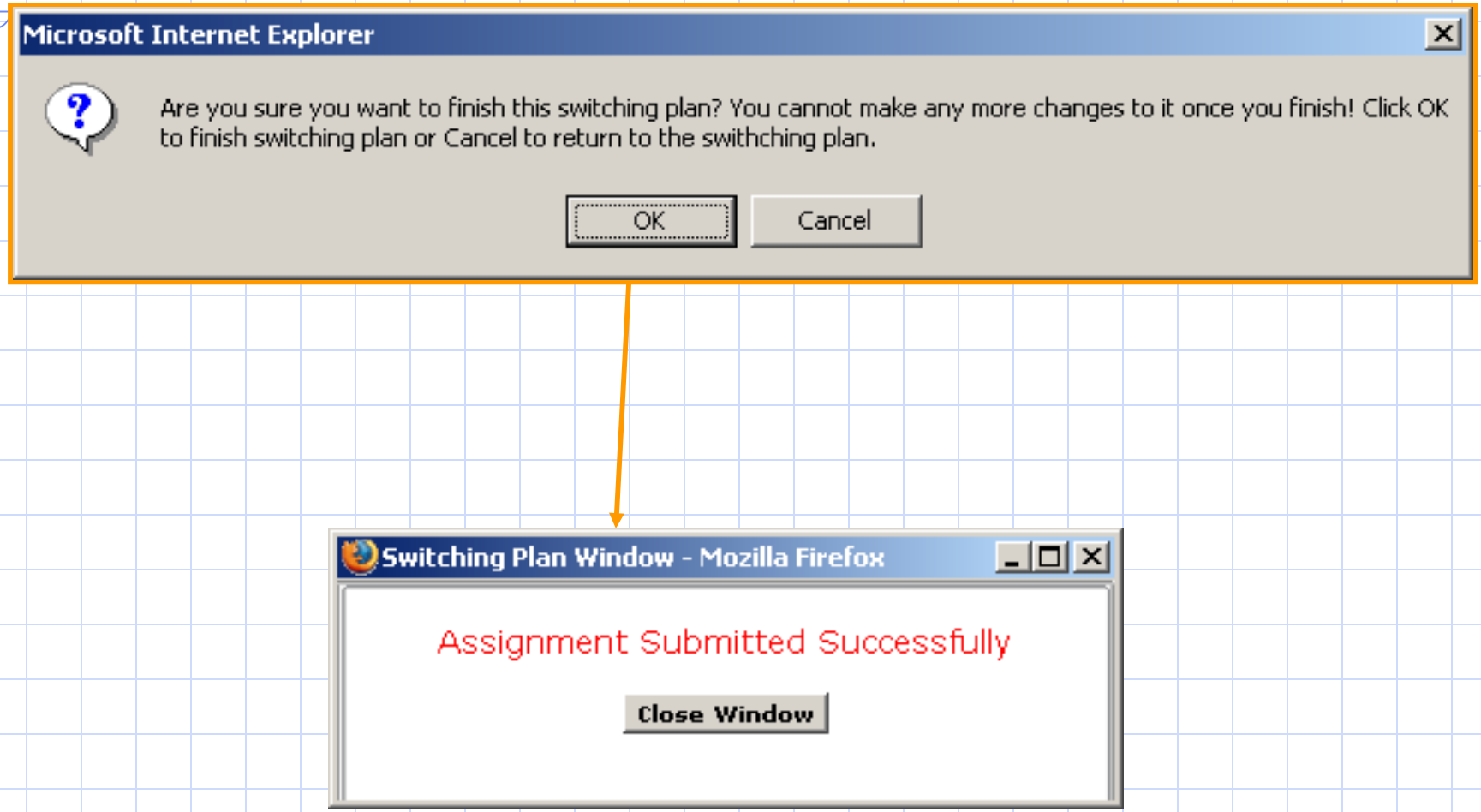
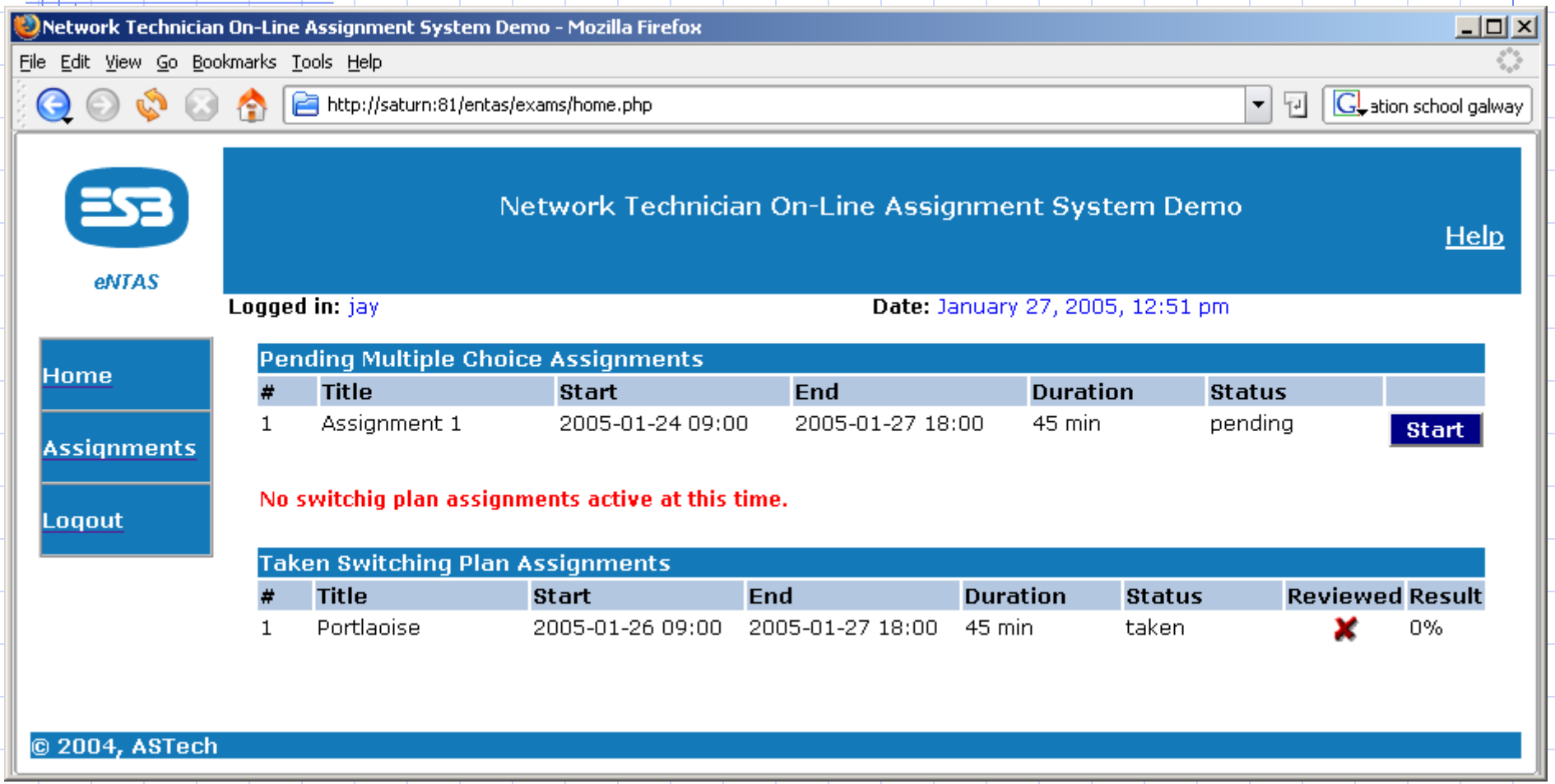
Switching out 100kV Kilkenny line
Role Location Device Operation
1 Operator Any Proof Of Disconnection Recieve From PICW
2 Operator Laurels 10kV Pole 2 S&C Fuse Open
3 Operator Laurels 10kV Pole 2 S&C Fuse Remove
4 Operator Laurels 10kV Pole 2 S&C Fuse Apply Hold Off Notice
5 Operator Laurels 10kV Pole 2a Pole 2 Side Check For Loss Of Voltage
6 Operator Laurels 10kV Pole 2a Pole 2 Side Apply Earths
7 Operator Any Proof Of Disconnection Issue To PICW
Role
Operator
Location
Any
Device
Proof Of Disconnection
Operation
Issue To PICW
Add >>
Move Up
Move Down
Edit
Deselect
Delete
Finish Assessment
25A
Laurels
15kVA
SECT. 2
U.R.D. 4
25kVA
U.R.D. 5
75kVA
V. Reg.
N.O.
Meelick
Spink
12A
Derry
STRA

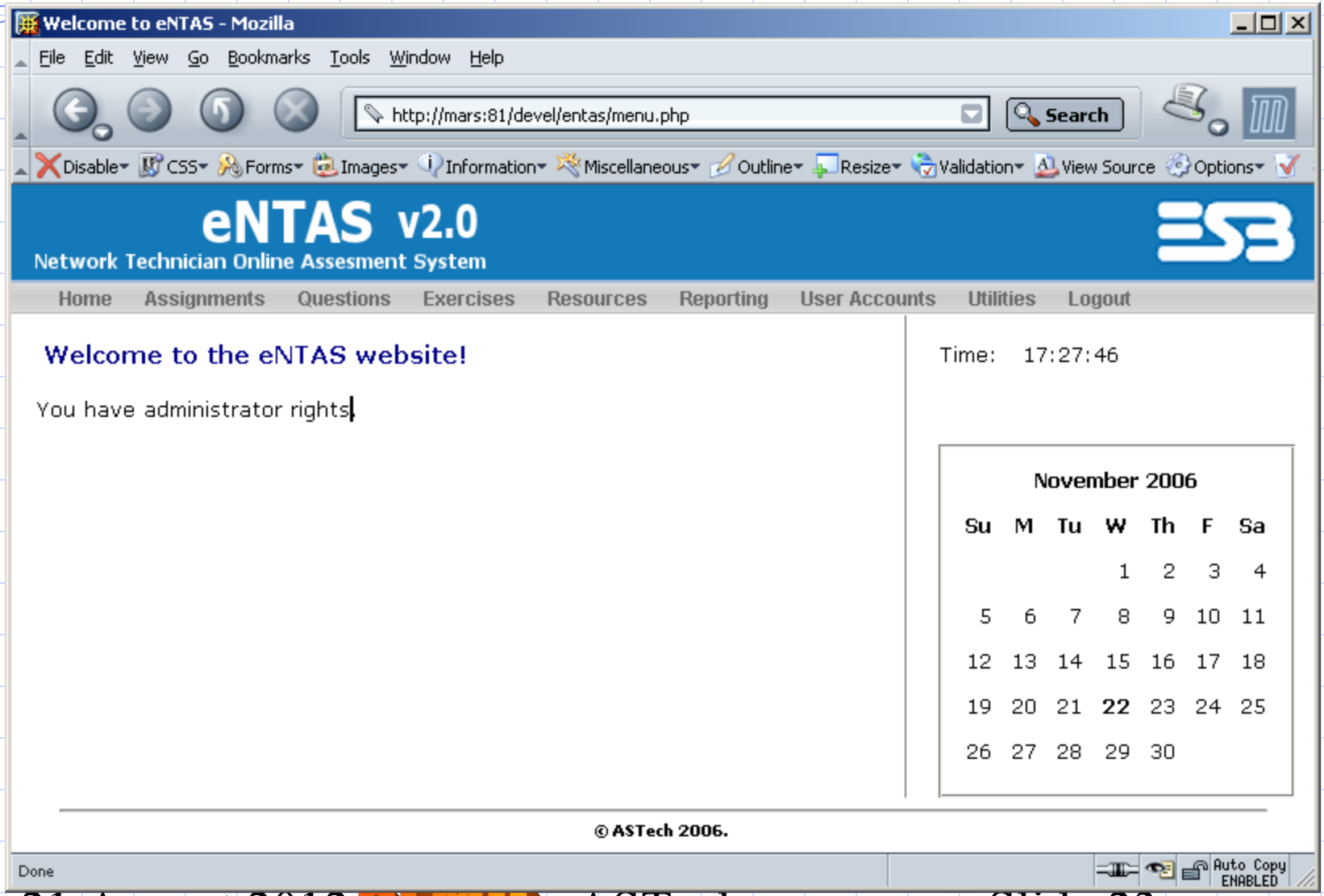
Saving Switching Plan Assignment



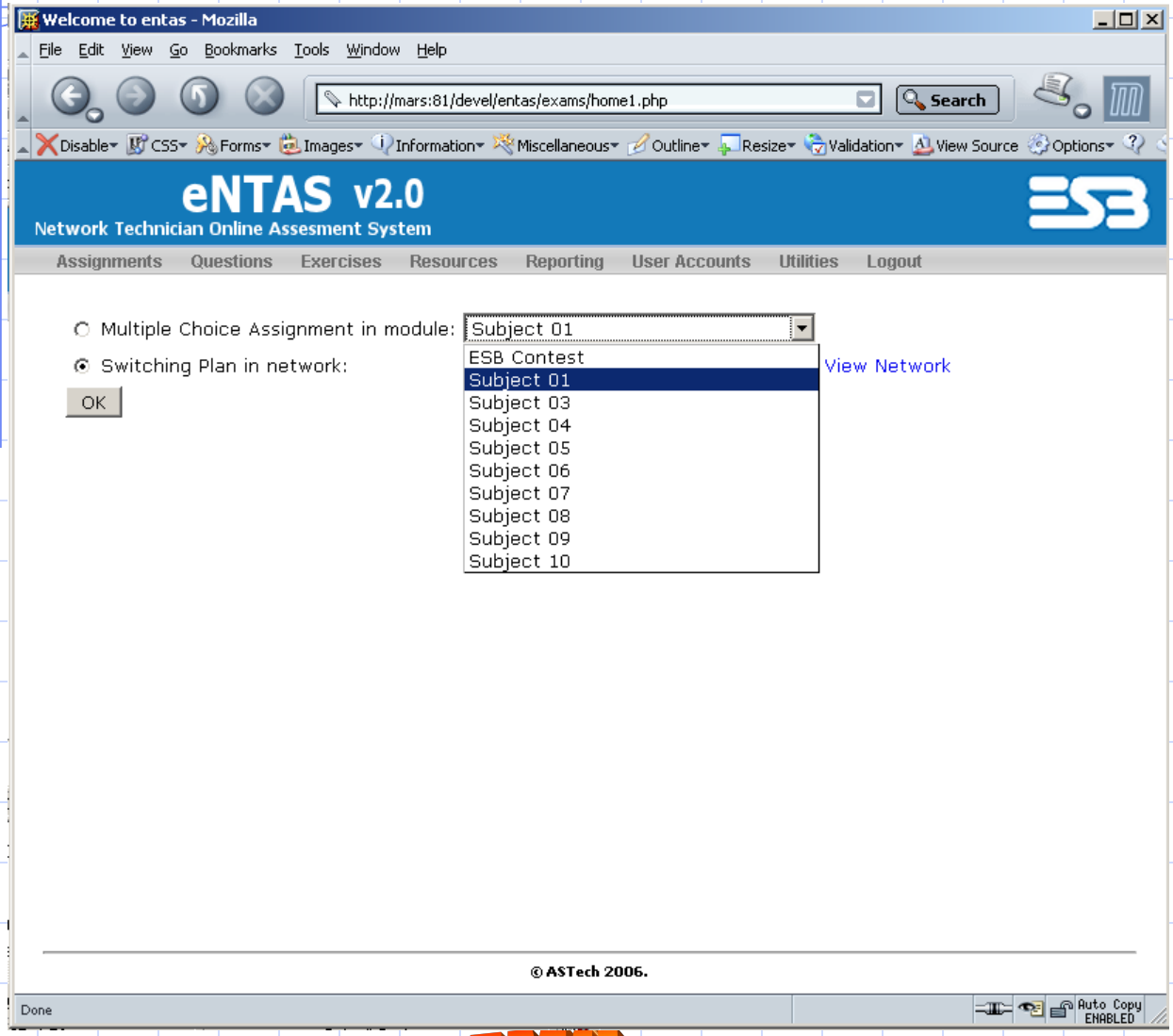
List of Assignments after Completion



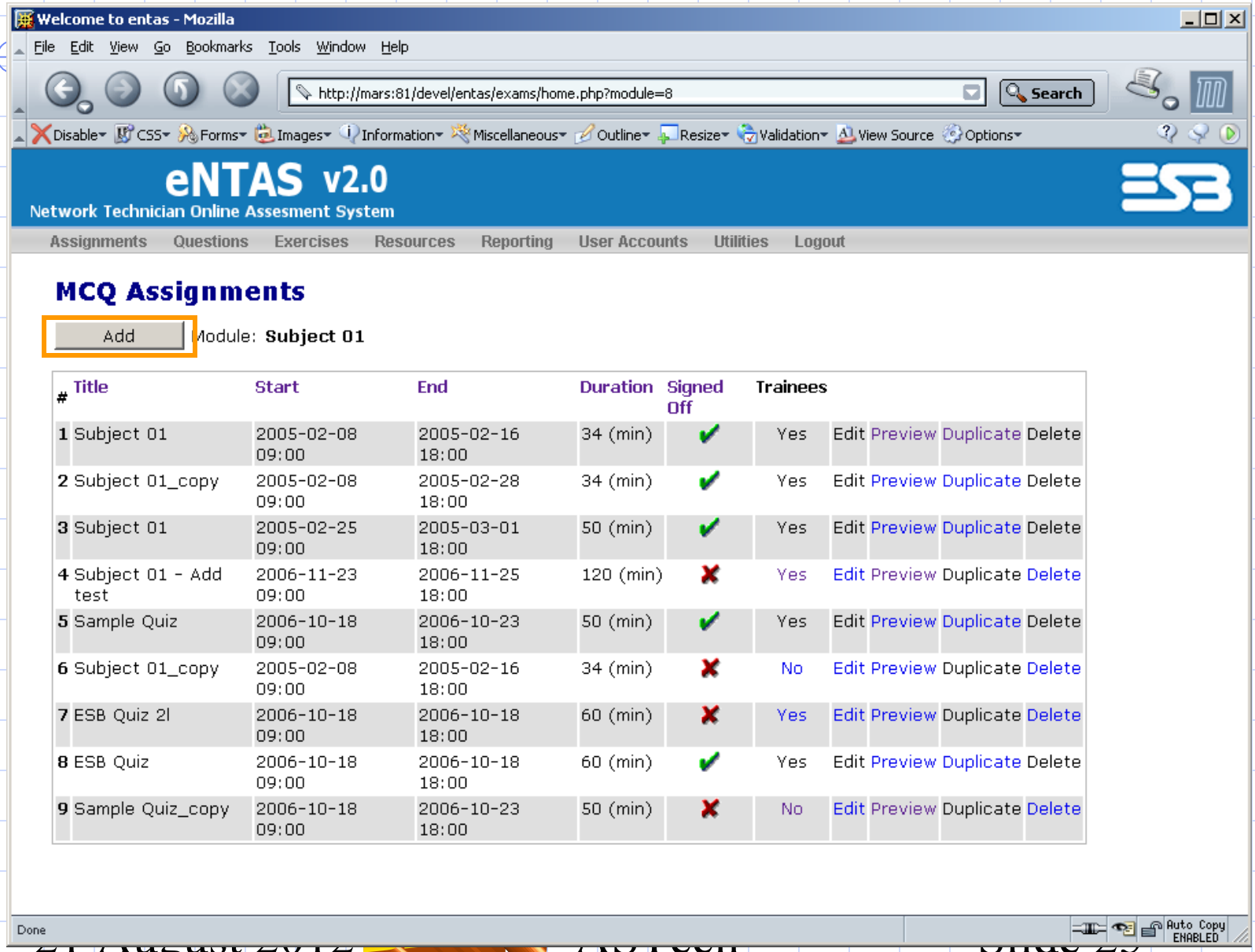
Administrator's Homepage



Select Module for Multiple Choice Assignment

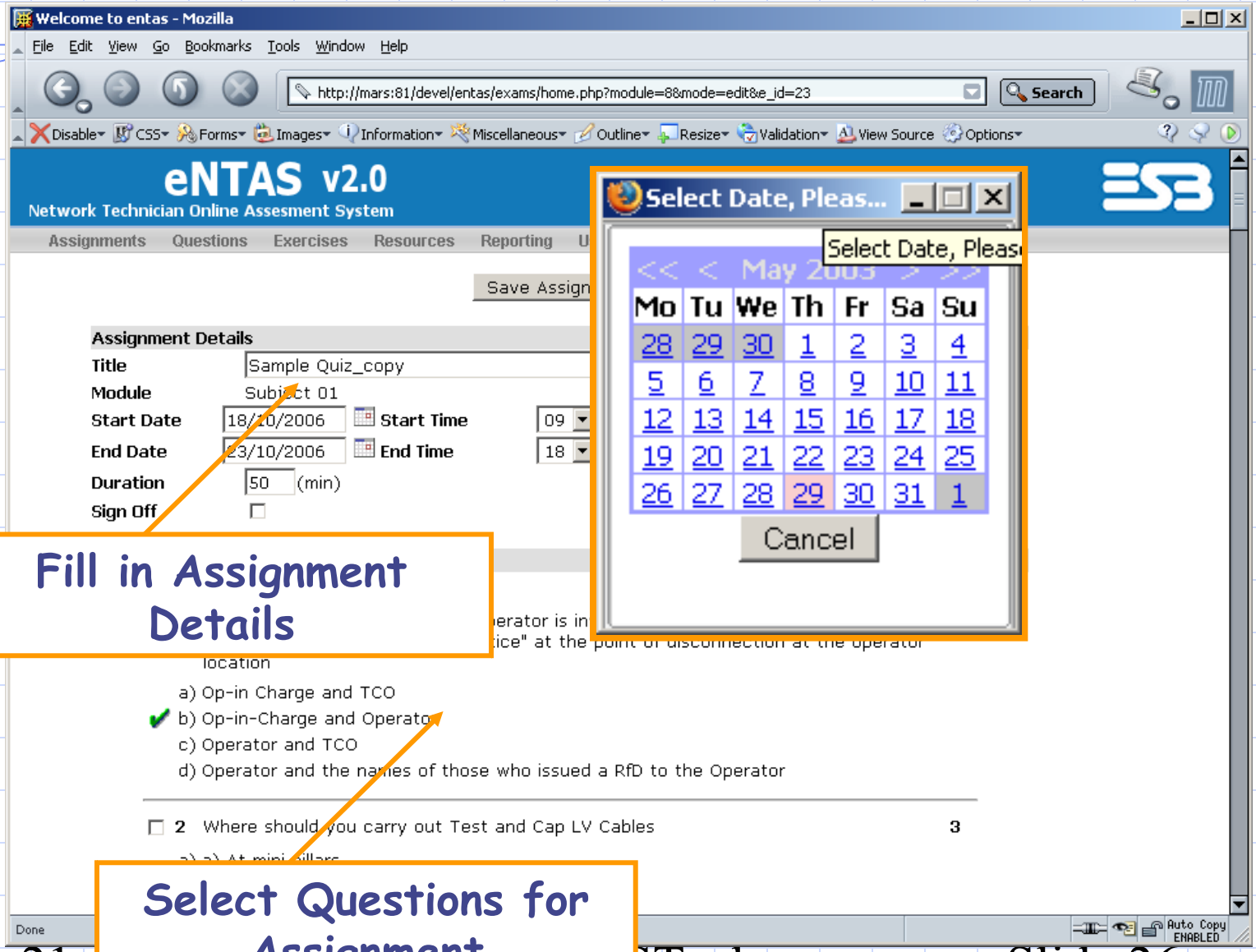


View Assignment List for Module



#	Title	Start	End	Duration	Signed Off	Trainees				
1	Subject 01	2005-02-08 09:00	2005-02-16 18:00	34 (min)	✔	Yes	Edit	Preview	Duplicate	Delete
2	Subject 01_copy	2005-02-08 09:00	2005-02-28 18:00	34 (min)	✔	Yes	Edit	Preview	Duplicate	Delete
3	Subject 01	2005-02-25 09:00	2005-03-01 18:00	50 (min)	✔	Yes	Edit	Preview	Duplicate	Delete
4	Subject 01 - Add test	2006-11-23 09:00	2006-11-25 18:00	120 (min)	✘	Yes	Edit	Preview	Duplicate	Delete
5	Sample Quiz	2006-10-18 09:00	2006-10-23 18:00	50 (min)	✔	Yes	Edit	Preview	Duplicate	Delete
6	Subject 01_copy	2005-02-08 09:00	2005-02-16 18:00	34 (min)	✘	No	Edit	Preview	Duplicate	Delete
7	ESB Quiz 2l	2006-10-18 09:00	2006-10-18 18:00	60 (min)	✘	Yes	Edit	Preview	Duplicate	Delete
8	ESB Quiz	2006-10-18 09:00	2006-10-18 18:00	60 (min)	✔	Yes	Edit	Preview	Duplicate	Delete
9	Sample Quiz_copy	2006-10-18 09:00	2006-10-23 18:00	50 (min)	✘	No	Edit	Preview	Duplicate	Delete

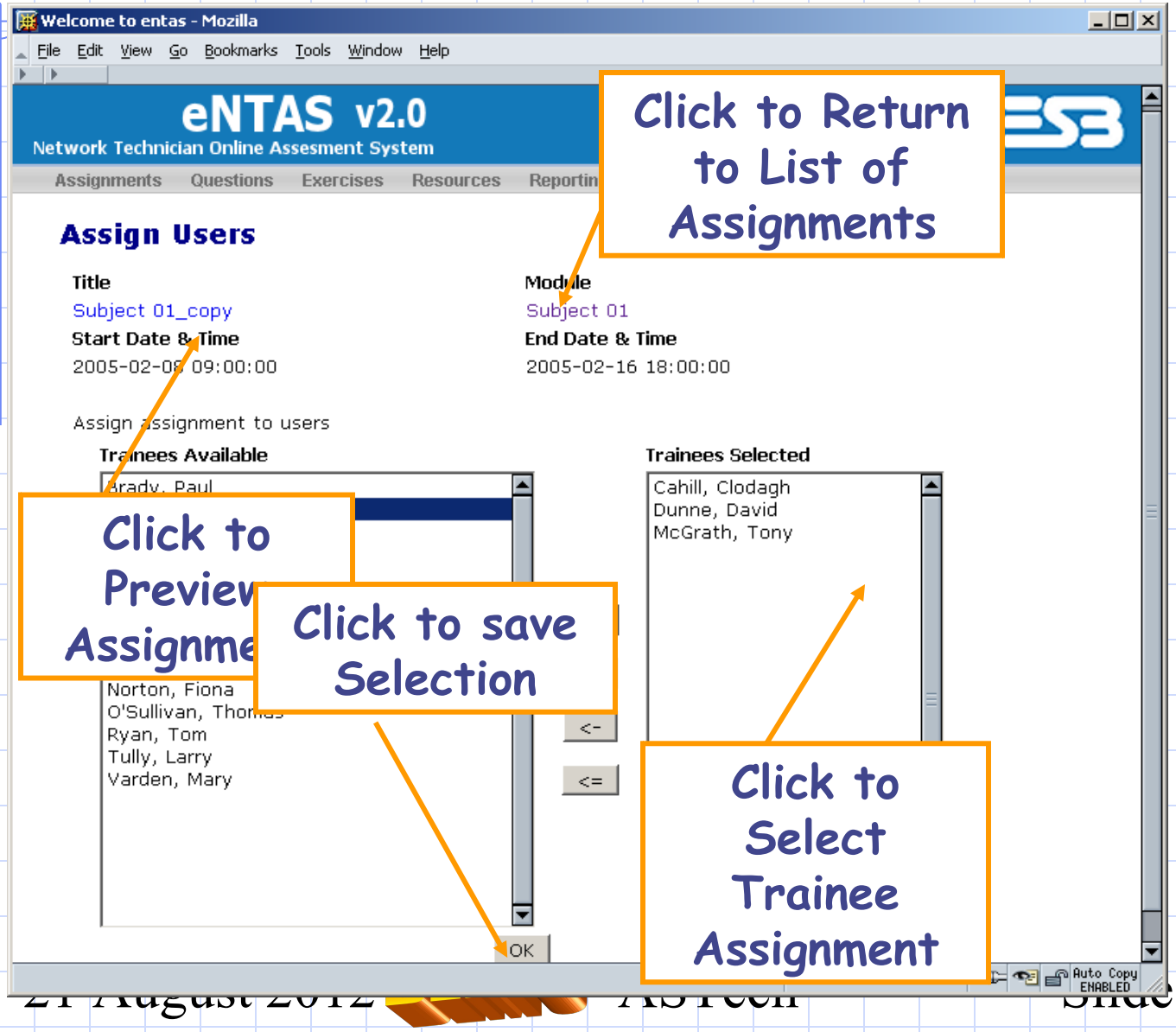
Add Assignment



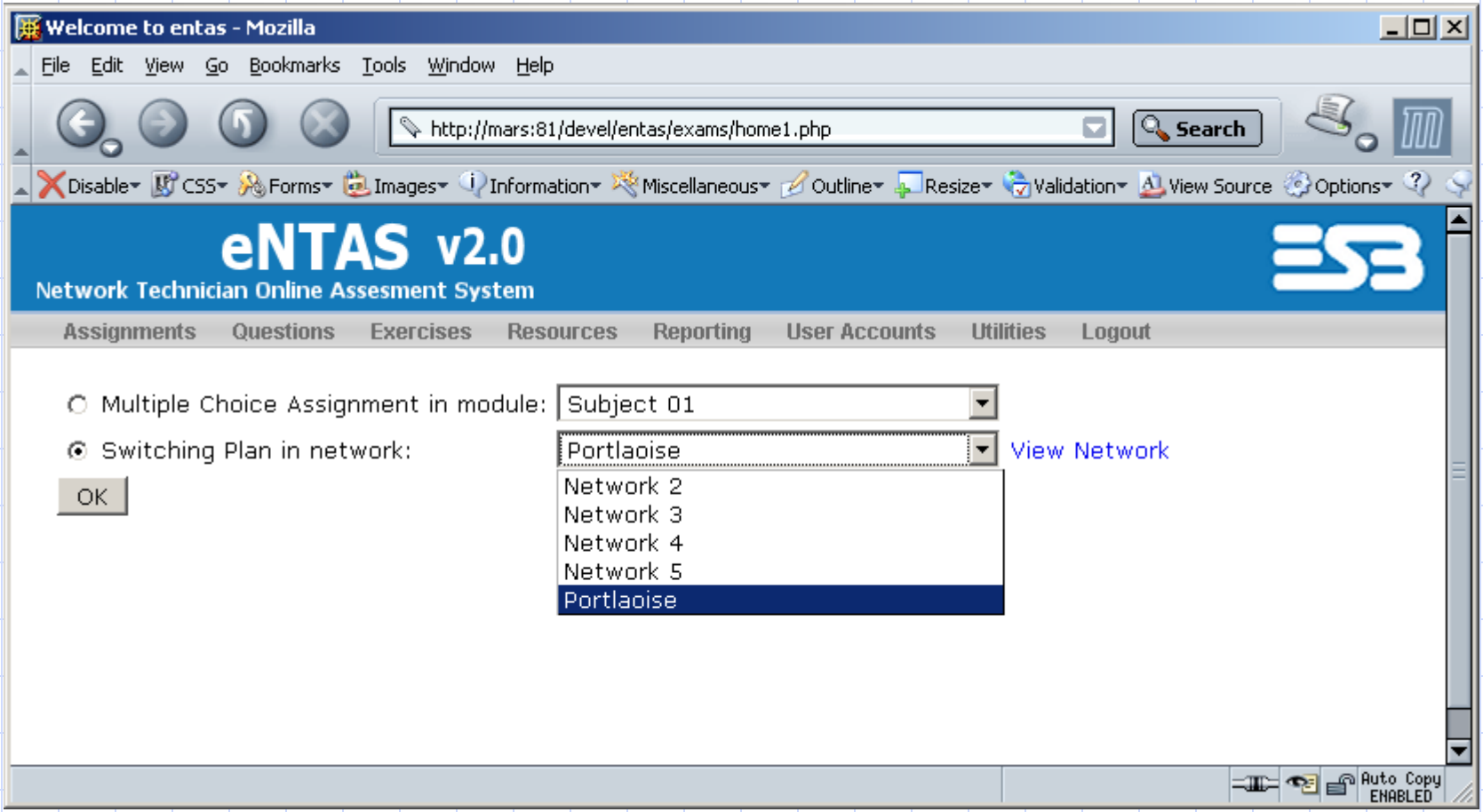
Fill in Assignment Details

Select Questions for Assignment

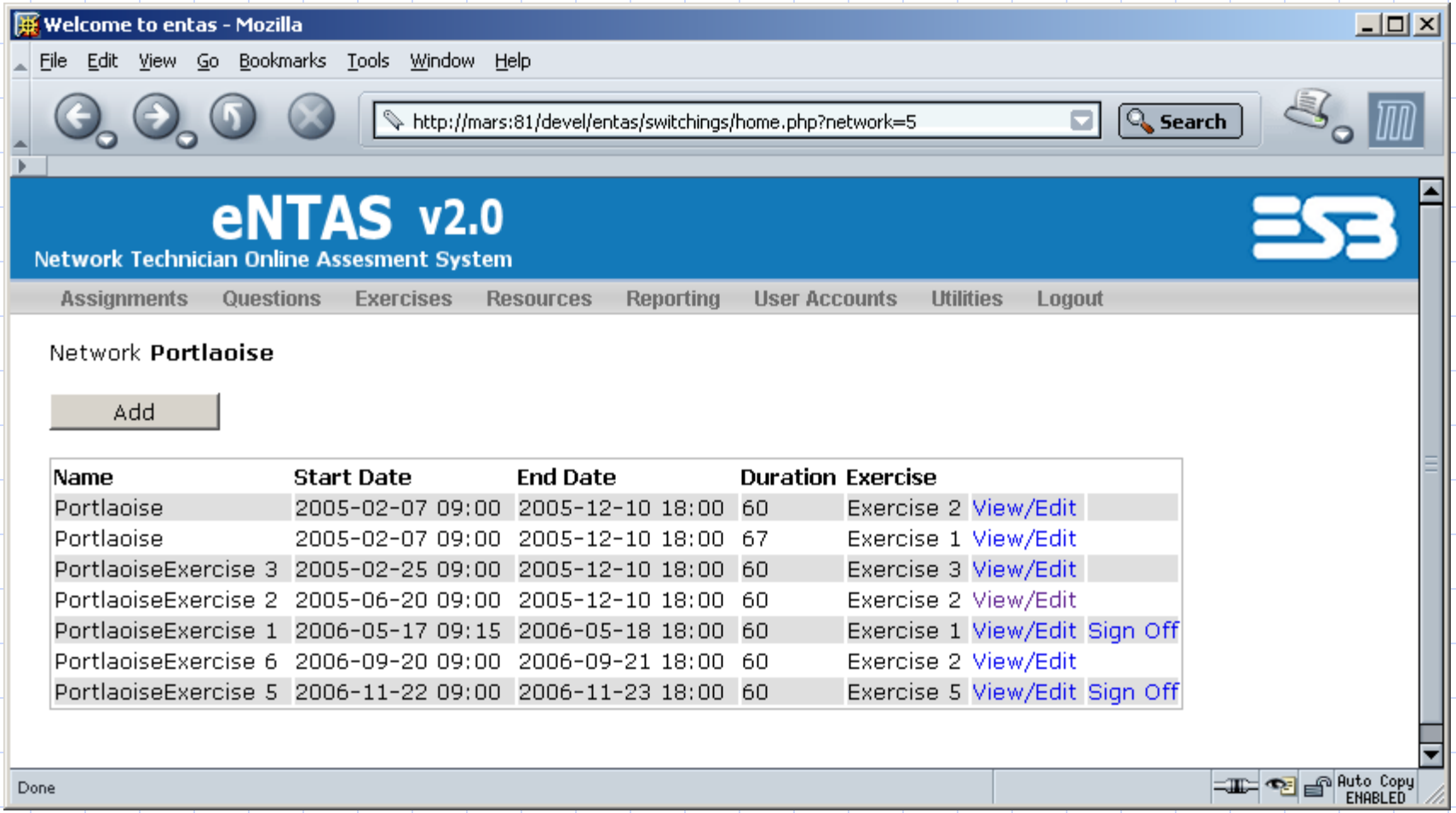
Select Trainees for Assignments



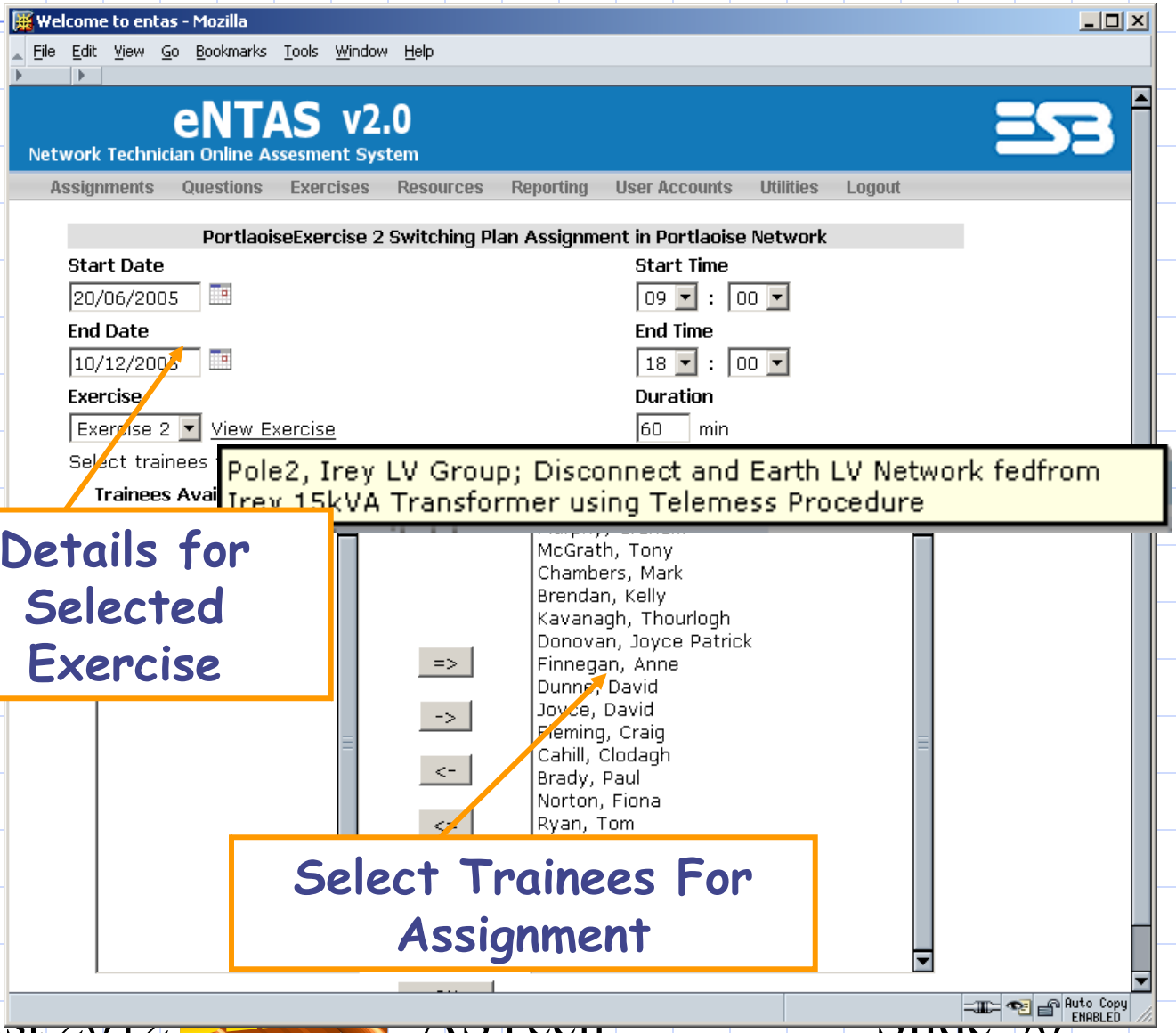
Select Network



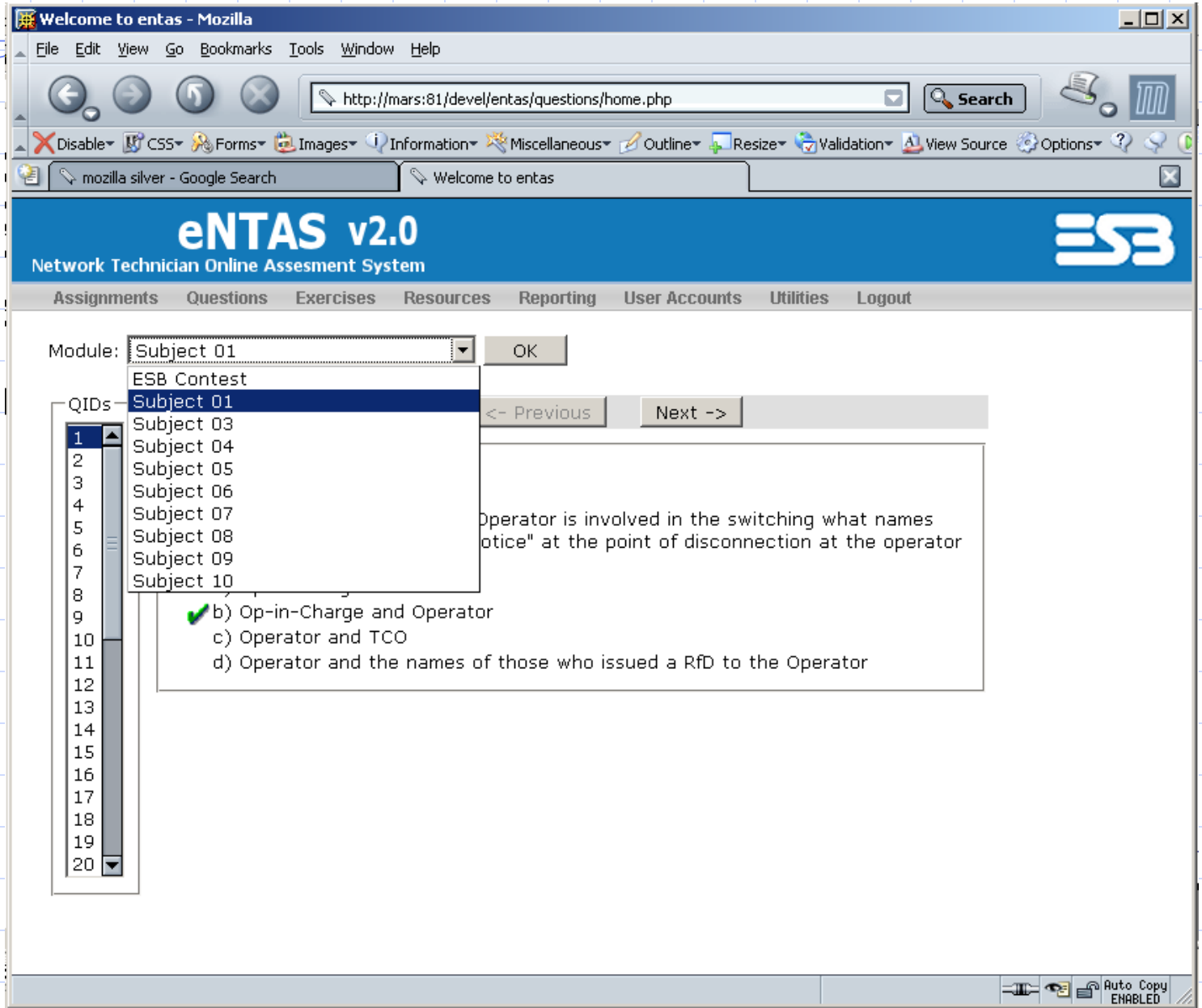
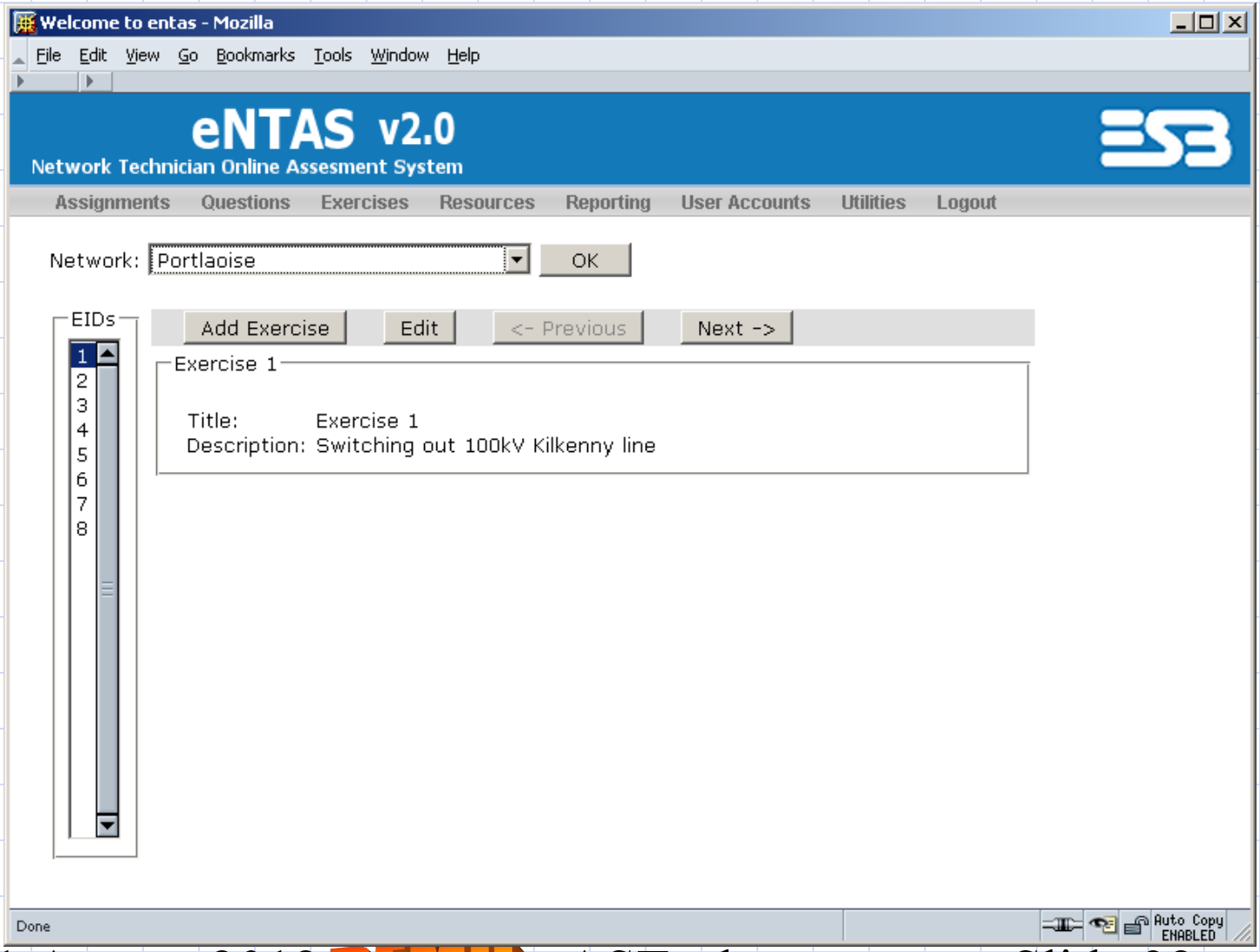
Switching Plan Assignments for selected Network



Add Switching Plan Form



Question Management



Exercise Manager