

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**MAINTENANCE JOB FOR STREAM CHANNEL**

Date : 3. Sep. 2012

**DESCRIPTION OF THE MAINTENANCE**

Construction of Rip - rap for diversion existing stream at disposal area plot 'A'



**PURPOSE OF THE MAINTENANCE**

To stabilized and protect the banks.



**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x30	Work conducted on 03/09 for 10hrs, on 04 /09 for	
2	Dumper	n.xhrs	3x30		
3	Bolders	m3			
4					
5					
6					
7					

For : Person carrying out the maintenance		SMEC		TM-SALINI CONSORTIUM	
Name :		Name : <i>Abdul Choy</i>		Name : <i>FRANCESCO GAETA</i>	
Date :		Date : <i>1/10/12</i>		Date : <i>23.9.2012</i>	
Signature :		Signature : <i>[Signature]</i>		Signature : <i>[Signature]</i>	

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 5. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 5th slope and fertilizing 3rd slope of left bank abutment of Susu Dam



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 05/09 for 6hrs & resprayed on 06/09 for 4hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5	Vigromate	nos	35	Works conducted on 05/09 for 7hrs & on 06/09 for 7hrs	
6	Workers	n.xhrs	6x14		
7					
8					

For : Person carrying out the maintenance

Name :

Date :

Signature :

SMEC

Name :

Date :

Signature :

TM-SALINI CONSORTIUM

Name :

Date :

Signature :

*Abdullah Chy.*

*1/10/12*

*[Signature]*

*FRANCESCO GAETA*

*27.9.2012*

*[Signature]*

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 6. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Respray works conducted at 5th slope of left bank abutment of Susu Dam



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 05/09 for 6hrs & resprayed on 06/09 for 4hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5	Vigromate	nos	0	Works conducted on 05/09 for 7hrs & on 06/09 for 7hrs	
6	Workers	n.xhrs	6x14		
7					
8					

For : Person carrying out the maintenance

Name :

Date :

Signature :

SMEC

Name :

Date :

Signature :

TM-SALINI CONSORTIUM

Name :

Date :

Signature :

*Abraham Choy*

*1/12/12*

*[Signature]*

*FRANCESCO GAETA*

*27.5.2012*

*[Signature]*



**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 11. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 6th slope of left bank abutment of Susu Dam, CH 0+300 (LHS, RHS), CH 0+500, CH 0+800 and CH 0+850 (LHS)



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 11/09 for 4hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5	Vigromate	nos	80	Works conducted on 11/09 for 7hrs & on 12/09 for 4 hrs	
6	Workers	n.xhrs	6x14		
7					
8					

For : Person carrying out the maintenance

Name :

Date :

Signature :

SMEC

Name :

Date :

Signature :

TM-SALINI CONSORTIUM

Name : FRANCESCO GAETA

Date : 27.9.2012

Signature :

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 12. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 1st slope of Telom Outlet at left abutment - Susu Dam area. Respray at CH 0+700 (LHS) - CH 0+300 (LHS). Fertilizing CH 1+700 (2 slope).



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 12/09 for 3hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5	Vigromate	nos	20	Works conducted on 12/09 for 6hrs	
6	Workers	n.xhrs	6x6		
7					
8					

For : Person carrying out the maintenance

SMEC

Name :

Name :

*Abdul Ching*

Date :

Date :

*1/10/12*

Signature :

Signature :

*[Signature]*

TM-SALINI CONSORTIUM

Name :

*FRANCESCO GAETA*

Date :

*27.9.2012*

Signature :

*[Signature]*

# TM-SALINI CONSORTIUM

Ulu Jelai Hydroelectric Project

Contract No. TNB 362/2008 - Lot CW2

## MAINTENANCE JOB FOR STREAM CHANNEL

Date : 18. Sep. 2012

### DESCRIPTION OF THE MAINTENANCE

Construction of Rip - rap for existing stream RHS & LHS at road to construction Adit



### PURPOSE OF THE MAINTENANCE

To stabilized and protect the banks.



### NOTE:

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x30	Work conducted on 18/09 for 10hrs, on 19 /09 for	
2	Dumper	n.xhrs	3x30		
3	Bolders	m3			
4					
5					
6					
7					

Name :	SMEC	TM-SALINI CONSORTIUM
Date :	Name : <i>Mark Lam Cheong</i>	Name : <i>FRANCESCO GAETA</i>
Signature :	Date : <i>1/10/12</i>	Date : <i>28-9-2012</i>
	Signature : <i>[Signature]</i>	Signature : <i>[Signature]</i>



**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**METIGATION / INSTALLATION WORK**

Date : 18 Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Installed virgolok (coconut fiber roll) to control run off water during rain of mitigation measure approximately at RHS & LHS of Lemoi Outlet Portal - Susu dam



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Coconut fiber roll	nos	30	work conducted on 18/09 for 10hrs & 19/09 for 05hrs.	
2	Workers	n.xhrs	5x15hrs		
3					
4					
5					
6					
7					
8					

For : Person carrying out the maintenance

SMEC

Name :

Name :

*Abraham Choy*

Date :

Date :

*1/10/12*

Signature :

Signature :

*[Signature]*

TM-SALINI CONSORTIUM

Name :

*FRANCESCO GAETA*

Date :

*27.9.2012*

Signature :

*[Signature]*

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**MAINTENANCE JOB FOR SILT TRAP NO. L - 1**

Date : 18. Sep. 2012

**DESCRIPTION OF THE MAINTENANCE**

Desilting of silt trap at left abutment of susu dam area



**PURPOSE OF THE MAINTENANCE**

To collected of the silt volume from slope cutting area

Photo not taken

**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x 20	Work conducted on 18/09 for 5hrs	
2					
3					
4					
5					
6					
7					

For : Person carrying out the maintenance

SMEC

Name :

Name :

*Amber Choy*

Date :

Date :

*1/10/12*

Signature :

Signature :

*[Signature]*

TM-SALINI CONSORTIUM

Name :

*FRANCESCO GAETA*

Date :

*27.8.2012*

Signature :

*[Signature]*



**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**MAINTENANCE JOB FOR SILT TRAP NO. L - 3**

Date : 19. Sep. 2012

**DESCRIPTION OF THE MAINTENANCE**

Desilting of silt trap at left abutment of susu dam area



**PURPOSE OF THE MAINTENANCE**

To collect of the silt volume from slope cutting area



**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x 20	Work conducted on 19/09 for 10hrs, and on 20/09 for 10hrs.	
2					
3					
4					
5					
6					
7					

For : Person carrying out the maintenance

SMEC

Name :

Name :

*Abdul Choy*

Date :

Date :

*1/10/12*

Signature :

Signature :

*[Signature]*

TM-SALINI CONSORTIUM

Name :

*FRANCESCO GAETA*

Date :

*27.9.2012*

Signature :

*[Signature]*

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**MAINTENANCE JOB FOR SILT TRAP NO. L - 2**

Date : 19. Sep. 2012

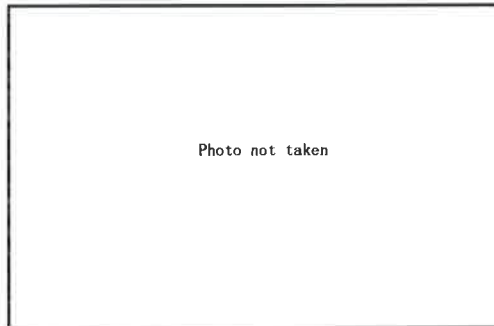
**DESCRIPTION OF THE MAINTENANCE**

Desilting of silt trap and reinstallation of geotextile at left abutment of susu dam area



**PURPOSE OF THE MAINTENANCE**

To collect of the silt volume from slope cutting area



**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x 20	Work conducted on 19/09 for 10hrs, and on 20/09 for 10hrs.	
2					
3					
4					
5					
6					
7					

For : Person carrying out the maintenance SMEC

Name :

Date :

Signature :

Name :

Date :

Signature :

TM-SALINI CONSORTIUM

Name :

Date :

Signature :

*Abdul Chay*  
*1/12/12*  
*[Signature]*

*FRANCESCO GAETA*  
*27.9.2012*  
*[Signature]*

# TM-SALINI CONSORTIUM

Ulu Jelai Hydroelectric Project

Contract No. TNB 362/2008 - Lot CW2

## INSTALLATION/MAINTENANCE JOB FOR SILT FENCE

Date : 19. Sep. 2012

### DESCRIPTION OF THE WORK

Susu Dam Area Right Abutment : Maintenance of demolished silt fence at toe of the slope closed to Bertam River.



### PURPOSE OF THE WORK

Minimize the sediments flow to the river



### NOTE:

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Workers	Nxhrs	5x10	Works conducted on 19/09 for 10 hrs and 20/09 for 10hrs	
2					
3					
4					
5					
6					
7					
8					

For : Person carrying out the maintenance SMEC

Name :

Name :

Arelan Ching

Date :

Date :

1/10/12

Signature :

Signature :

[Signature]

TM-SALINI CONSORTIUM

Name :

FRANCESCO GAETA

Date :

27.9.2012

Signature :

[Signature]



**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**METIGATION / INSTALLATION WORK**

Date : 20 Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Installed virgolock (coconut fiber roll) to control run off water during rain of mitigation measure approximately at RHS slope support - Susu dam



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Coconut fiber roll	nos	20	work conducted on 19/09 for 05hrs & 20/09 for 10hrs.	
2	Workers	n.xhrs	5x15hrs		
3					
4					
5					
6					
7					
8					

For : Person carrying out the maintenance

SMEC

Name :

Name :

*Abdul Rahman Chong*

TM-SALINI CONSORTIUM

Name :

*FRANCESCO GAETA*

Date :

Date :

*1/10/12*

Date :

*27.9.2012*

Signature :

Signature :

*[Signature]*

Signature :

*[Signature]*

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 22. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 7th slope of slope support at left abutment - Susu Dam area. Fertilizing at CH 0+700 RHS road to M.A.T.



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 22/09 for 4hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5	Vigromate	nos	90	Works conducted on 22/09 for 10hrs on 23/09 for 8 hrs, on 24/09 for 10 hrs, on 25/09 for 10hrs	
6	Workers	n.xhrs	6x38		
7					
8					

For : Person carrying out the maintenance

SMEC

Name :

Name :

*Abraham Chay*

Date :

Date :

*1/10/12*

Signature :

Signature :

*[Signature]*

TM-SALINI CONSORTIUM

Name :

*FRANCESCO GAETA*

Date :

*27.9.2012*

Signature :

*[Signature]*

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 24. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 1st, 2nd, 3rd down slope (South side) of switchyard area.



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			} Works conducted on 24/09 for 3hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5					
6					
7					
8					

For : Person carrying out the maintenance Name : _____ Date : _____ Signature : _____	SMEC Name : <u>Abraham Choy</u> Date : <u>1/10/12</u> Signature : <u>[Signature]</u>	TM-SALINI CONSORTIUM Name : <u>FRANCESCO GAETA</u> Date : <u>27.9.2012</u> Signature : <u>[Signature]</u>
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**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 24. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 2nd slope of Telom Outlet at left abutment - Susu Dam area.



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 24/09 for 3hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5	Vigromate	nos	20	Works conducted on 24/09 for 6hrs	
6	Workers	n.xhrs	6x6		
7					
8					

For : Person carrying out the maintenance

Name :

Date :

Signature :

SMEC

Name :

Date :

Signature :

TM-SALINI CONSORTIUM

Name :

Date :

Signature :

*Abraham Chay*

*1/19/12*

*[Signature]*

*FRANCESCO GAETA*

*27.9.2012*

*[Signature]*

**TM-SALINI CONSORTIUM**

Ulu Jelai Hydroelectric Project

Contract No. TNB 362/2008 - Lot CW2

**INSTALLATION JOB FOR SILT TRAP AT SWITCHYARD**

Date : 24. Sep. 2012

**DESCRIPTION OF THE MAINTENANCE**

Constructed new silt trap at switch yard area

**PURPOSE OF THE MAINTENANCE**

To collect of the silt volume from slope cutting area

**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x 25	Work conducted on 24/09 for 5hrs, on 25/09 for 10hrs and on 26/09 for 10hrs.	
2	Workers	n.xhrs	5x5	Work conducted on 26/09 for 5hrs.	
3	Geotextile	m3			
4					
5					
6					
7					

For : Person carrying out the maintenance

SMEC

Name :

Name :

Date :

Date :

Signature :

Signature :

TM-SALINI CONSORTIUM

Name :

FRANCESCO GAETA

Date :

27-9-2012

Signature :

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 25. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 1st, 2nd, 3rd platform of disposal area.



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			Works conducted on 25/09 for 3hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5					
6					
7					
8					

For : Person carrying out the maintenance

SMEC

Name :

Name :

Abraham Choy

Date :

Date :

4/10/12

Signature :

Signature :

[Signature]

TM-SALINI CONSORTIUM

Name :

FRANCESCO GAETA

Date :

27.8.2012

Signature :

[Signature]



**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**HYDROSEEDING WORK**

Date : 25. Sept. 2012

**DESCRIPTION OF THE MAINTENANCE**

Hydroseeding works conducted at 4th, 5th, slope at south slope area and 1st & 2nd of down slope at (east side) area



**PURPOSE OF THE MAINTENANCE**

Protect slopes and open areas from erosion



**NOTE:**

ITEM	MATERIAL/EQUIPMENT USED	UNIT	QTY	REMARKS	PHOTO
1	Lorry			} Works conducted on 25/09 for 3hrs	
2	Seeds				
3	Glue				
4	Fertilizer				
5					
6					
7					
8					

For : Person carrying out the maintenance

SMEC

Name :

Name : *Abdullah Chong*

Date :

Date : *7/10/12*

Signature :

Signature : *[Signature]*

TM-SALINI CONSORTIUM

Name : *FRANCESCO GAETA*

Date : *25.9.2012*

Signature : *[Signature]*

**TM-SALINI CONSORTIUM**  
**Ulu Jelai Hydroelectric Project**  
**Contract No. TNB 362/2008 - Lot CW2**  
**MAINTENANCE JOB FOR SETTLING POND**

Date : 26. Sep. 2012

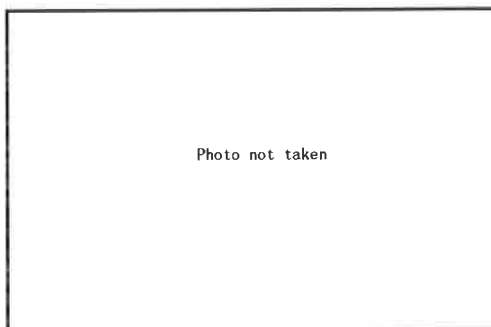
**DESCRIPTION OF THE MAINTENANCE**

Desilting work of settling tank at disposal area plot A & disposed to the near by area



**PURPOSE OF THE MAINTENANCE**

To collect the waste of concrete volume



**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 320 D	n.xhrs	1x10	Work conducted on 26/09 for 10hrs.	
2	Dumper	n.xhrs	1x10		
3					
4					
5					
6					
7					

For : Person carrying out the maintenance		SMEC		TM-SALINI CONSORTIUM	
Name :		Name :	<i>Abdulla Chy</i>	Name :	<i>FRANCESCO GAETA</i>
Date :		Date :	<i>1/10/12</i>	Date :	<i>27.9.2012</i>
Signature :		Signature :	<i>[Signature]</i>	Signature :	<i>[Signature]</i>

**TM-SALINI CONSORTIUM**

Ulu Jelai Hydroelectric Project

Contract No. TNB 362/2008 - Lot CW2

**MAINTENANCE JOB FOR SILT TRAP CONTRACTOR PLATFORM**

Date : 27. Sep. 2012

**DESCRIPTION OF THE MAINTENANCE**

Desilting of silt trap at contractor platform

**PURPOSE OF THE MAINTENANCE**

To collect of the silt volume from slope cutting area

Photo not taken

**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x15	Works conducted on 26 /09 for 10hrs, and on 27/09 for 5hrs	
2	Dumper	n.xhrs	1x15		
3					
4					
5					
6					
7					

For : Person carrying out the maintenance

SMEC

Name :

Name :

Ahmad Chong

Date :

Date :

1/10/12

Signature :

Signature :



TM-SALINI CONSORTIUM

Name :

FRANCESCO GAETA

Date :

27-9-2012

Signature :





**TM-SALINI CONSORTIUM**

Ulu Jelai Hydroelectric Project

Contract No. TNB 362/2008 - Lot CW2

**MAINTENANCE JOB FOR SILT TRAP NO. L - 1 & L - 2**

Date : 29. Sep. 2012

**DESCRIPTION OF THE MAINTENANCE**

Desilting of silt trap and reconstruction to combined both silt trap at left abutment of susu dam area

**PURPOSE OF THE MAINTENANCE**

To collect of the silt volume from slope cutting area

Photo not taken

**NOTE:**

ITEM	MATERIAL USE	UNIT	QTY	REMARKS	PHOTO
1	Excavator 336 D	n.xhrs	1x	Work conducted on 29/09 for 10hrs.	
2	Dumper	n.xhrs			
3					
4					
5					
6					
7					

For : Person carrying out the maintenance	SMEC	TM-SALINI CONSORTIUM
Name : _____	Name : <u>Abraham Chay</u>	Name : <u>FRANCESCO GAETA</u>
Date : _____	Date : <u>1/10/12</u>	Date : <u>30-9-2012</u>
Signature : _____	Signature : <u>[Signature]</u>	Signature : <u>[Signature]</u>