

Annuity Term Loan Repayment (W5)

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PURPOSE

This document shows the detailed procedure of applying annuity term loan repayment.

WHY IS THIS IMPORTANT?

PROCEDURE

1. Select Transaction > Term Loan.
2. Click New. The New Term Loan menu is displayed.
3. Fill out the details as required.

New Term Loan

	<input type="button" value="Book"/>	Settle'm Bank <input type="text"/>
Transaction*	<input type="text" value="Borrow"/>	
Accounting Centre*	<input type="text" value="TFS-SG"/>	
TDate*	<input type="text" value="06/03/2017"/>	
Vdate*	<input type="text" value="06/03/2017"/>	
Mdate*	<input type="text" value="06/03/2020"/>	
First Coupon	<input type="text" value="dd/mm/yyyy"/>	
Ccy*	<input type="text" value="SGD"/>	
Principal*	<input type="text" value="300,000.00"/>	
Reset/Fix Rate(%)*	<input type="text" value="2.000000"/>	
Cap Rate	<input type="text"/>	
Floor Rate	<input type="text"/>	
Float Basis*	<input type="text" value="-FIXED-"/>	
Margin(%)*	<input type="text" value="0.000000"/>	
Facility*	<input type="text" value="TFS < BOTM-SG:MM"/>	
Counterparty ID	<input type="text" value="BOTM-SG"/>	
AcctCntr Division	<input type="text" value="BA1/CC3/PC3"/>	
Portfolio	<input type="text" value="DEFAULT"/>	
Frequency*	<input type="text" value="Semi-Annual"/>	
Day Convention*	<input type="text" value="No Adjustment"/>	
Settle Convention*	<input type="text" value="No Adjustment"/>	
Reset Convention*	<input type="text" value="No Adjustment"/>	
Reset Days*	<input type="text" value="0"/>	
Accruals	<input type="text" value="Act/365 (fixed)"/>	
Repayment Style*	<input type="text" value="Bullet"/>	
Transaction Type	<input type="text" value="-"/>	
Project	<input type="text" value="-"/>	
Our Dealer	<input type="text" value="dev01@12dl2d.com"/>	
Ctpy Dealer	<input type="text"/>	
Narrative	<input type="text"/>	
Skip Holidays	<input type="checkbox"/>	

6. From the Amend Term Loan menu, click Repayment and the amend term loan repayment screen will be displayed.

*Note: You will not see the Apply Annuity Repayment check box if the periodic item has been booked or if there are additional drawdown occurring subsequently.

9. The Outstanding Principal and Annuity From Date will be populated. Note that only one from the Annuity Amount and Interest Rate field can be filled out. In the example below, the Annuity Amount will be filled out.

Clear

Outstanding Principal

300,000.00

Annuity From Date

6 Sep 2017

Annuity Amount

66000

Interest Rate

Ⓒ

10. Click Refresh Button. System will compute the annuity amount. Implied rate and the annuity repayments will be displayed.

Update

Clear

Outstanding Principal

300,000.00

Annuity From Date

6 Sep 2017

Annuity Amount

66,000.00

Interest Rate

Ⓒ

Implied Rate

6.535694

Start Date	End Date	Opening Principal	Principal CF	Closing Principal	Interest CF	Annuity
6 Sep 2017	6 Mar 2018	300,000.00	56,277.04	243,722.96	9,722.96	66,000.00
6 Mar 2018	6 Sep 2018	243,722.96	57,970.04	185,752.92	8,029.96	66,000.00
6 Sep 2018	6 Mar 2019	185,752.92	59,979.77	125,773.15	6,020.23	66,000.00
6 Mar 2019	6 Sep 2019	125,773.15	61,856.14	63,917.01	4,143.86	66,000.00
6 Sep 2019	6 Mar 2020	63,917.01	63,917.01	0.00	2,082.99	66,000.00

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11. Click Update to apply the annuity repayment schedule.

Amend Term Loan Repayment dev01

Reset Rates

Unlock All

Import

⬇

⬆

☒ Amortise Fee?

Start Date	End Date	TradeID	VDate	Principal	Rate	Reset Date	Interest Capitalise	Interest	Locked?	Outstanding	Total Cashflow	Cum. Interest Cap
6 Mar 2017	6 Mar 2017	Book	6 Mar 2017	300,000.00	2.000000	6 Mar 2017	0.00	0.00	Y	300,000.00	300,000.00	0.00
6 Mar 2017	6 Sep 2017		6 Sep 2017	0.00	2.000000	6 Mar 2017	0.00	3,024.66		300,000.00	3,024.66	0.00
6 Sep 2017	6 Mar 2018		6 Mar 2018	56,277.04	6.535694	6 Sep 2017	0.00	9,722.96	Y	243,722.96	66,000.00	0.00
6 Mar 2018	6 Sep 2018		6 Sep 2018	57,970.04	6.535694	6 Mar 2018	0.00	8,029.96	Y	185,752.92	66,000.00	0.00
6 Sep 2018	6 Mar 2019		6 Mar 2019	59,979.77	6.535694	6 Sep 2018	0.00	6,020.23	Y	125,773.15	66,000.00	0.00
6 Mar 2019	6 Sep 2019		6 Sep 2019	61,856.14	6.535694	6 Mar 2019	0.00	4,143.86	Y	63,917.01	66,000.00	0.00
6 Sep 2019	6 Mar 2020		6 Mar 2020	63,917.01	6.535694	6 Sep 2019	0.00	2,082.99	Y	0.00	66,000.00	0.00

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12. When the user enters an annuity amount that is too low, for example 22,000.00. An error message will be displayed.

Clear

Outstanding Principal

300,000.00

Annuity From Date

6 Mar 2017

Annuity Amount

22,000.00

Interest Rate

Ⓒ

Unable to compute implied rate. Please check annuity and try again.

13. To apply annuity using Interest Rate, fill out the field.

Clear

Outstanding Principal

300,000.00

Annuity From Date

6 Mar 2017

Annuity Amount

Interest Rate

2.5

Ⓒ

14. Click Refresh Button. The system will display the annuity amount.

Update

Clear

Outstanding Principal

300,000.00

Annuity From Date

6 Mar 2017

Annuity Amount

Interest Rate

2.500000

Implied Annuity Amount

52,213.38

Start Date	End Date	Opening Principal	Principal CF	Closing Principal	Interest CF	Annuity
6 Mar 2017	6 Sep 2017	300,000.00	48,432.56	251,567.44	3,780.82	52,213.38
6 Sep 2017	6 Mar 2018	251,567.44	49,094.63	202,472.81	3,118.75	52,213.38
6 Mar 2018	6 Sep 2018	202,472.81	49,661.67	152,811.14	2,551.71	52,213.38
6 Sep 2018	6 Mar 2019	152,811.14	50,318.94	102,492.20	1,894.44	52,213.38
6 Mar 2019	6 Sep 2019	102,492.20	50,921.70	51,570.50	1,291.68	52,213.38
6 Sep 2019	6 Mar 2020	51,570.50	51,570.50	0.00	642.88	52,213.38

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15. Click Update to apply annuity.

Amend Term Loan Repayment

dev01

Reset Rates

Unlock All

Import

Amortise Fee?

Start Date	End Date	TradeID	VDate	Principal	Rate	Reset Date	Interest Capitalise	Interest	Locked?	Outstanding	Total Cashflow	Cum. Interest Cap
6 Mar 2017	6 Mar 2017	Book	6 Mar 2017	300,000.00	2.000000	6 Mar 2017	0.00	0.00	Y	300,000.00	300,000.00	0.00
6 Mar 2017	6 Sep 2017		6 Sep 2017	48,432.56	2.500000	6 Mar 2017	0.00	3,780.82	Y	251,567.44	52,213.38	0.00
6 Sep 2017	6 Mar 2018		6 Mar 2018	49,094.63	2.500000	6 Sep 2017	0.00	3,118.75	Y	202,472.81	52,213.38	0.00
6 Mar 2018	6 Sep 2018		6 Sep 2018	49,661.67	2.500000	6 Mar 2018	0.00	2,551.71	Y	152,811.14	52,213.38	0.00
6 Sep 2018	6 Mar 2019		6 Mar 2019	50,318.94	2.500000	6 Sep 2018	0.00	1,894.44	Y	102,492.20	52,213.38	0.00
6 Mar 2019	6 Sep 2019		6 Sep 2019	50,921.70	2.500000	6 Mar 2019	0.00	1,291.68	Y	51,570.50	52,213.38	0.00
6 Sep 2019	6 Mar 2020		6 Mar 2020	51,570.50	2.500000	6 Sep 2019	0.00	642.88	Y	0.00	52,213.38	0.00

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FREQUENTLY ASKED QUESTIONS

RELATED INFORMATION

[Create Term Loan](#)

[Amend Term Loan and Repayments](#)

CHANGE HISTORY

Date	By	Changes
8-March-2017	Clarissa	Created.
19-April-2017	Clarissa	Updated screenshots and instructions to apply annuity term loan repayment using interest rate.
27-Nov-2019	Lyra	Updated Screenshots.