

Fundamental Review of Trading Book (FRTB) – Exotic Series

**TREASURY CONSULTING PTE LTD (A SINGAPOREAN MULTINATIONAL GROUP)
MOVING TOWARDS \$ 10 MILLION CORPORATE VALUATION**

Fundamental Review of Trading Books (Exotic Series)

About Treasury Consulting Group: Treasury Consulting Group is a Singaporean Multinational Group having headquartered in Singapore. As a Group we are having Business Interest in 8 Business Verticals, 44 Business Domains. Company is having Offices in both Singapore, India and serving 75+ Global Clients, 100+ Domestic Clients. We are an Intellectual Property Company whereby owned our IP –“ www.fixedincome.global“(World’s First Fixed Income Platform)

Sitting today we are having interest in Trainings, Publications, Digital Marketing, Financial Markets, Information Technology (IT), Accounting, Audits, Corporate Law, Compliance Desk, Valuation Desk, Chief Financial Officer (CFO) Desk, Treasury Consulting Chapters and respective. As a Group we are serving *United States (US), Canadian, Markets, Australia & New Zealand (ANZ), Asia Pacific Financial Markets (Singapore, Hong Kong, Philippines, Malaysia), OPEC Markets (Saudi, Iran, Dubai, Bahrain) and Indian Markets.*

Treasury Consulting Group is a Cash Rich Group Whereby Surplus Cash invested with 7 out of Top 10 Mutual Funds in India and Singaporean Entity investing Surplus Cash with G7 Banks. Group is investing Surplus Cash in all Fixed Income Instruments like Structured Products, Equity Mutual Funds, Debt Mutual Funds, Duration Mutual Funds, CD, CP and respective Products. As a Corporate we are Banking with G7 Banks like DBS Singapore and adding more foreign banks in our panel. Sitting today we are acting as a Cash Rich entity, 0% Debt, 0% Funding from VC/PE and we would continue to maintain this status till 2023.

In April'18 Treasury Consulting LLP (India) – Indian Subsidiary Awarded amongst Top 50 Internationally Growing Companies in India by IE20, London Partners.

Treasury Consulting Pte Ltd would be adding International Subsidiaries like Dubai (2019), Australia (2020), Mauritius (2021) and Luxembourg (2022)

Objective of the Course – Fundamental Review of Trading Book (FRTB) – Exotic Series

Objective of the Course: The FRTB overhauls the market risk capital requirements to meet the objectives of the Basel Committee (the Committee) in its effort to address shortcomings of the current Basel 2.5 market risk capital framework and reduce the variability of market risk weighted assets (RWA) across jurisdictions. FRTB design features intended to achieve lots of objectives for Banks but time will tell till what extent Banks would turnout?

With regulatory demand at an all-time high in 2018, a holistic approach to compliance becomes a ‘must do’ rather than a ‘nice to have’. It means infrastructure must be rationalized at the data level to provide a more efficient, and less costly, response to multiple regulations ~ Rahul Magan, Group CEO & VC, Treasury Consulting Group

We believe it is critical that a globally consistent and clearly defined supervisory framework is introduced for vendors providing data pooling solutions. This framework must take into account the existing transparency landscape as well as FRTB’s policy objectives. ~ Rahul Magan, Group CEO & VC, Treasury Consulting Group

¥ Targetted Audience :

- ☐ Chief Executive Officers (CEO)
- ☐ Chief Financial Officers (CFO)
- ☐ Corporate Treasurers
- ☐ Corporate Controllers
- ☐ Accounting Heads
- ☐ Treasury Teams
- ☐ Bankers
- ☐ Front Desk Traders
- ☐ Proprietary Traders
- ☐ Chartered Accountants (CA)
- ☐ Master in Business Administration (MBA)

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Course Content – Fundamental Review of Trading Book (FRTB) – Exotic Series

¥ **Module I: - Market Risk Framework (MRF)**

- Trading Market Risk
- Traded Default Risk
- Non-Trading Market Risk
- Market Risk Management

¥ **Module II: - Lower Capital Requirements for Standardized Approach (SA)**

- Liquidity Currency Pairs
- General Interest Rate Risk (GIRR)
- Equities
- Foreign Exchange (FX) Risk
- Credit Spread Risk (CSR)

¥ **Module III: Foreign Exchange, Interest Rate Derivatives**

- Foreign Exchange (FX) Forwards
 - Deliverable Forwards
 - Non-Deliverable Forwards
 - Synthetic Forwards
 - Participating Forwards
- Interest Rate Hedging - Dollarization Swaps
 - Conversion of Local Currency Assets / (Liabilities) into \$ Assets / (Liabilities)
- Interest Rate Hedging - Reverse Dollarization
 - Conversion of \$ Assets / (Liabilities) into Local Currency Assets / (Liabilities)
- Interest Rate Hedging - Over Night Index Swaps (OIS)
 - Conversion of Floating Rate Liability into Fixed Rate Liability
 - Conversion of Fixed Rate Liability into Floating Rate Liability
- Interest Rate Hedging - Principal Only Swaps (POS)
- Interest Rate Hedging - Coupon Only Swaps (COS)
- Interest Rate Hedging - CCIRS

¥ **Module IV: Foreign Exchange, Interest Rate Derivatives – Methods**

- Gross Method
- Net Method
- Turnover Execution Method

¥ **Module V: - Internal Model Approach (IMA)**

- Risk Theoretical P&L (RTPL)
- Hypothetical P&L (HPL)
- P&L Attribution Test (PLA)

¥ **Module VI: - Trading Book Boundary & Trading Book**

- Allowance to assign individual Traders
- Transfers & Reclassifications
- Clarifications on Trading Book Designations
 - Overnight (ON)
 - Cash Spot (CS)
 - Tom (T)
 - Tom Next (TN)
 - Spot Next (SN)
 - Spot Week (SW)
 - Rolling 1 Year Forward
 - Rolling Contracts
 - Long Term Forwards Contracts (LTFX)
 - Reverse Dollar Swaps

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- Forward Rate Agreement (FRA)
- Overnight Index Swaps (OIS)
- Non-Deliverable Dollar Swaps
- Non-Deliverable Reverse Dollar Swaps

¥ **Module VII: - Non-Modellable Risk Factors**

- Enhanced Market Data Requirements
- Requirements for Data Pooling and Committed Quotes
- Proposed Alternatives for NRMF Bucketing

¥ **Module VIII: - P&L Attribution**

- Relaxed P&L Test Failure Consequences
- Hypothetical P&L
- Actual P&L
- Risk Theoretical P&L (RTPL)
- Allowance to align Market Data for HPL & RTPL

¥ **Module IX: - Standardized Approach (SA)**

- Residual Risk Add-On Bonds
- Multiple Call Rates
- Simplified Standardized Approach (SA)
- Lower Risk Weights for GIRR, FX and EQ Risk Capital

¥ **Module X: - P&L Matrices**

- Spearman Correlation
- KS Test
- Ch-Squared Test

¥ **Module XI: - FRTB – Price Bucketing Alternatives**

- Banks are allowed to establish their non-over-lapping buckets
- Prescribed Buckets for Banks

¥ **Module XII: - Seven New Market Data Principles**

- Principle 1: Combinations of Modellable Risk Factors
- Principle 2: Idiosyncratic & General Market Risk
- Principle 3: Model to reflect Volatility, Correlation of Assets Prices
- Principle 4: Reflection of Prices Observed in Market
- Principle 5: Stressed Expected Shortfall (ES), Non-Stressed Expected Shortfall (ES)
- Principle 6: Data Frequency – Monthly, Quarterly, Yearly
- Principle 7: Factor Based Models, Coefficients (Betas)

Technical Impact Study: International Series would be covering about complete Technical Impact Study. Participant to chose either of the Banks – Goldman Sachs, JP Morgan Chase or UBS. We would be using their live Annual Report of last 5 Years and would complete Technical Impact Study using Microsoft Excel. Please be note that Technical Impact Study would need 4 weeks to complete (Including all weekends)

Quantitative Impact Study (QIS): International Series would be covering about Quantitative Impact Study (QIS) whereby we would be doing QIS on 3 Banks of your choice. Please note QIS can maximum have 3 Banks. It would be done using live Annual Report of 3 Banks. QIS takes 3 weeks to complete.

- Goldman Sachs (GS)
- JP Morgan Sachs (JPM)
- Development Bank of Singapore (DBS)
- United Overseas Bank (UOB)
- OCBC
- Citi Bank
- UBS
- Barclays
- Deutsche Bank (DB)

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- HSBC
 - ANZ
 - Westpac
 - Commonwealth Bank of Australia (CBA)
 - National Australian Bank (NAB)
- Course Content:** Course would be covered using live Thomson Reuters, Bloomberg, Advanced Order Management Systems (OMS) like – Meta Trader 4 (MT4), Meta Trader 5 (MT5), Trade Receptor, Excel Financial Models. Course also includes.
- Research Reports from G7 Banks
 - Case Studies
 - Excel Solvers
 - ** We cover Financial Statements of G7 Banks
- Pricing & Duration (With Course, W/o Technical Impact Study, QIS) – SGD 22000, 11 Weeks**
- Pricing & Duration (With Course, Technical Impact Study, W/o QIS) – SGD 29000, 8 Weeks**
- Pricing & Duration (Complete Course, Technical Impact Study, QIS) – SGD 37000, 4 Weeks**

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Trainers Profile

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Corporate Profile- Group Chief Executive Officer (CEO)/Ex Group Corporate Treasurer:

- Currently acting as a **Group Chief Executive Officer (CEO)** of **Treasury Consulting Pte Ltd**. A Singaporean Multinational Group having interest in 8 Business Verticals, 44 Business Domains. Treasury Consulting Pte Ltd owned Intellectual Property (IP) – www.fixedincome.global (World's first Fixed Income Platform). Treasury Consulting Pte Ltd to add International Subsidiaries like Dubai (2019), Australia (2020), Luxembourg (2021) and Mauritius (2022)
- Treasury Consulting Pte Ltd serving 75+ Global Clients, 100+ Domestic Clients. Covering Markets like *United States, Canadian Financial Markets, European Union, Australia & New Zealand (ANZ), Asia Pacific Financial Markets, Japanese, OPEC, African & Indian Markets*. Treasury Consulting awarded amongst Top 50 Internationally Growing Companies in India by IE 20, London Partners during April 2018.
- Ex Group Corporate Treasurer** of United States, India based Information Technology Enabled Services (ITES) and Information Technology (IT) Companies like EXL Service Holdings, Inc. (*United States*), HCL Technologies Limited (*4th Largest IT Exporter*) at Group Level. Handled Front Office, Middle Office, CFO Office and Risk Office at Group level covering 35+ Group entities at EXL, 75+ Group entities in HCL Technologies Limited respectively.
- Holding more than decade experience as a Group Corporate Treasurer. Awarded amongst Top 20 Corporate Treasurers in 2014 by CFO India Institute. Won several CFO Awards during Corporate Career in EXL, HCL.

Treasury Consulting Pte Ltd – Intellectual Property (IP):

- Treasury Consulting Pte Ltd owned **Intellectual Property (IP)** – www.fixedincome.global (World's first Fixed Income Platform). Sitting today Fixed Income Platform have 27 Desks covering Foreign Exchange (FX), Fixed Income (FI), Credit Risk, PPP Desk, Structured Derivatives, Bonds Desks. By Sep'18 we would be having 40 Desks, By Sep'19 having 75 Desks, By Sep'20 having 100 Desks and keep counting.
- Treasury Consulting Pte Ltd founded Brand – “**Foreign Exchange Maverick Thinkers (FEMT)**” serving millions of professionals across Globe using Ivelleague Platforms like LinkedIn, LinkedIn Clubs, You Tube Channel, Daily Motion, Metacafe, Google Groups, Treasury Consulting Club – “The Mavericks” and respective Platforms.

Trainer Profile:

- Acting as a Trainer at Global level covering entire Asia Pacific Markets. Rahul doing Trainings for Educational Institutions, Corporates, Banks, Financial Institutions (FI), Non-Banking Financial Corporations (NBFC), Governments, Ministries, Income Tax Authorities, Revenue Officers and respective forums. Treasury

Treasury Consulting Group – A Singaporean Multinational Group (\$ 10 Million Valuation)
An Asia Pacific Trainings, Consulting, Publication, Analytics, FI, Technology Implementation Group
www.treasuryconsulting.in, www.fixedincome.global

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Consulting Pte Ltd do offers more than 150 Trainings Programs which we would increase to 200 by Dec'18 and 350 by Dec'19

- ❑ Rahul regularly imparts Trainings in Singapore, Philippines, Hong Kong, Thailand, Indonesia, Dubai, Saudi Arabia, African and India respectively. Treasury Consulting Pte Ltd do holds physical class room as well as Online facilities (linked with requisite Software's) in Singapore, India respectively.

Money Manager:

- ❑ Rahul is also a well approved Money Manager covering all Assets Classes like Foreign Exchange (FX), Fixed Income (FI), Structured Derivatives, Interest Rate Derivatives (IRS), Energy Derivatives, Weather Derivatives. His Fixed Income Portfolio is listed on www.kristal.AI and would soon available at www.fixedincome.global
- ❑ Rahul's Portfolios are available for both International, national investors covering Plain Vanilla, Structured, Exotic Portfolios. Treasury Consulting Pte Ltd would continue to add more **Assets Classes** in Portfolios.
- ❑ Treasury Consulting Pte Ltd do managed \$ 480 Billion **Assets Under Management (AUM)** under Private Placement Programs (PPP) Desk covering all Assets Classes like Letter of Credit (L/C), Bank Guarantees (BG), SBG, SBLC, DPLC and respective. Envisaged to have \$ 1 Trillion Desk by Dec'19

Writer, Author, Speaker:

- ❑ Rahul wrote his maiden book – “**Options for Risk Free Portfolios**” published by Maclaren Palgrave in June'13 in NY. His 2nd Book – “**Techniques to Hedge Interest Rate Exposures**” to publish in Sep'18 in Singapore, United States.
- ❑ He also acts as a Speaker covering Conferences, Seminars, Workshops for various forums across the Globe. Won more than 80+ Mementos, Awards covering respective events.

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Trainers Profile

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By: Rahul Magan

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Ex Group Corporate Treasurer – **EXL Service Holdings, Inc. (United States)**
Ex Corporate Treasurer – **HCL Technologies Limited**
Private Placement Platform (PPP) Trader – **Treasury Consulting PPP Desk (Singapore)**
Editor in Chief – **“The Maverick Treasurer ”, “The Fraudster”**
Writer, Author, Trainer, Technical Speaker, Motivational Speaker, Angel

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