

## **Guidance on LIBOR transition for our customers**

This is an effort by State Bank of India to reach out to its customers who have entered contracts with the Bank using LIBOR as the benchmark reference rate. The note tries to establish a broad oversight of the transition process with relevant challenges and the preparedness of the Bank in overcoming the same and ensuring a smooth transition process for its clients.

### **Background**

Since the 1980s, LIBOR is used as a reference rate benchmark for floating rate transactions for bonds, derivatives, loans, securitizations etc. There are millions of contracts valued in the trillions which reference interbank offered rates, or IBORs, with the London Interbank Offered Rate (LIBOR) being the most widely used IBOR. However, as a result of significantly reduced volumes of interbank unsecured term borrowing and an increasing reliance on expert judgment to set the IBORs, there is a regulator-led push to transition the market from IBORs to alternative (nearly) risk-free reference rates (RFRs) that are based on actual overnight secured transactions. The main accelerator for the recent flurry of work has been the UK's Financial Conduct Authority (FCA) statement in July 2017 that after 2021, the FCA will no longer persuade or compel panel banks to submit the rates required to calculate LIBOR. The US Federal Reserve and other regulators have also taken measures to move away from IBORs. This poses considerable risk to the financial markets across the globe and as such requires various stakeholders to take active steps to understand the challenge of the transition and subsequently to swiftly transition into a new reference rate.

In India, the Mumbai Interbank Forward Offer Rate MIFOR, which is derived out of LIBOR, will be impacted by this transition. Additionally, all contracts entered by various Financial Institutions with their clients having LIBOR as the underlying benchmark for pricing the products will be impacted. Indian regulators are expected to issue reform guidelines in line with different global regulators including fallback language and methodology on MIFOR transitions shortly. SBI has already taken a lead by undertaking various steps internally to ensure that the transition is swift for the Bank as well as for all its clients.

### **Potential Impact**

LIBOR transition may have implications across nearly all financial products including bonds, derivatives, structured products, structured financings, ECB borrowing, Syndicated FCB and other loans. It may impact all the existing LIBOR based product as well as the new products that the bank would provide in the future. The exact nature of the economic impact will be discernable only after identification of new Alternate Reference Rate (ARRs), availability of

fallback clause in existing contract, readiness of the IT infrastructure. Additionally, SBI would like to highlight that the conflicts arising out of the transition will be managed effectively to ensure that clients are not exposed to unpredictable or unreasonable costs, losses or risks, and are treated fairly.

### **LIBOR Program Priorities**

Clients may wish to consider the following as part of their LIBOR transition program:

**LIBOR Exposure Assessment:** Clients need to understand exposures to LIBOR in their portfolio and create an inventory of contracts referencing LIBOR.

**Review of Contractual Terms:** Review contractual terms to determine fallbacks if LIBOR or another IBOR temporarily or permanently discontinues. Further, prepare to re-negotiate impacted contracts, if necessary.

**Infrastructure / Systems Changes:** Consider system readiness with respect to new alternative reference rates and related market conventions.

**Valuation and Taxation:** Consider issues related to accounting including hedge accounting and valuation changes as a result of the transition. The relevant changes in taxation rules should be analyzed.

### **Our Preparedness on key considerations**

We are proactively working towards devising the roadmap for LIBOR transition in line with the guidelines issued by the different regulators. SBI is also actively engaged with the Indian Banks Association (IBA) to align our roadmap with the Indian banking industry. SBI has also started working on assessing exposure, developing appropriate legal agreement, accounting and tax considerations, various operational considerations with respect to systems and processes in order to ensure a smooth transition.

As part of our responsibility towards our customers, we are fully focussed in identifying and addressing potential impact on existing and future transactions on account of LIBOR transition. We continue to monitor developments around LIBOR transition and will keep all clients updated for client education and awareness. We have also enclosed [FAQs \(Annexure I\)](#) related to the LIBOR transition for comprehensive understanding of the transition process.

## FAQs on LIBOR Transition

### 1. What is LIBOR and why is it important?

The London Interbank Offer Rate (LIBOR) is a benchmark reference rate for floating rate transactions for bonds, derivatives, loans, securitizations etc and it is administered by Intercontinental Exchange (ICE) Benchmark Administration Limited. LIBOR is arguably the most important Inter-Bank Offered Rate (IBOR) used in the global financial markets underpinning more than \$400 trillion in transactions globally. LIBOR is calculated by submissions from various leading banks that estimate the rate that would be charged to borrow from other banks on an unsecured basis from overnight to 12 months. The rate is quoted in GBP, USD, EUR, Swiss Franc (CHF) and Japanese Yen (JPY) across 7 different types of maturities.

### 2. Why is reform required?

- a. **Decreasing Transaction:** Post the financial crisis, changes to bank capital requirements resulted in a significant decrease in transaction volumes in the unsecured inter-bank lending market - upon which LIBOR is based. With insufficient transaction data, LIBOR submissions have increasingly relied on expert judgement from the panel banks. Regulators have therefore grown increasingly concerned about the long-term sustainability of the benchmark and have decided to pre-empt any further possible deterioration by indicating their preference of an end to LIBOR. In addition to this, even panel banks have expressed discomfort about providing submissions based on judgements with little underlying borrowing to validate their judgements and as a result Financial Conduct Authority (FCA) had to persuade panel banks to continue submitting to LIBOR till the end of 2021.
- b. **LIBOR Scandal:** The beginning of the end of LIBOR was started in 2012 when the LIBOR scandal rocked the financial markets across the world. The submissive nature of the rate instead of an actual transaction-based approach led many top banks to rig the rates for their personal gain. The scandal had a widespread implication on the financial services industry as the rate was used as a benchmark across various products totaling trillions. As a result, global regulators initiated the process to transition away from LIBOR and move towards a rate which does away with all the shortcomings associated with LIBOR.

### 3. Who and which products are affected by LIBOR transition?

All market participants, including State Bank of India, that have exposure to various financial products using LIBOR as a reference rate will be affected. The transition will have far reaching impact and wide complications as LIBOR is deeply embedded in the global financial markets.

### 4. When will LIBOR be phased out?

LIBOR is expected to cease as early as the end of 2021, when the panel banks obligation to submit references for LIBOR calculation ends. It is uncertain if, and for how long, the various LIBOR rates will be published after that time, but the regulators have already indicated that they do not expect LIBOR to continue lingering in the markets for so long. Even if LIBOR continues in the market for some period after the end of 2021, it will likely cease to be representative in the market.

### 5. Which rates are likely to replace LIBOR?

Risk-free rates or “RFRs” are likely to replace LIBOR. RFRs are overnight interest rate benchmarks which are perceived by the FCA and other regulators to be more representative and reliable than LIBOR. This is because these benchmarks are intended to be based on liquid markets and so they can be calculated by reference to actual transactions. Several RFR working groups were set-up across a range of countries to identify alternative RFRs for the relevant currency. The RFR which has been chosen by those working groups for each currency is shown below.

<b>LIBOR currencies</b>	<b>Proposed replacement</b>	<b>Transaction Types</b>
USD	Secured Overnight Funding Rate (SOFR)	Secured
GBP	Sterling Overnight Index Average (SONIA)	Unsecured
Euro	Euro Short-term Rate (ESTR)	Unsecured
CHF	Swiss Average Rate Overnight (SARON)	Secured
JPY	Tokyo Overnight Average Rate (TONAR)	Unsecured

In addition to the RFRs mentioned above, some currencies have other IBORs, such as EURIBOR in the Eurozone and TIBOR in Japan. It is possible that, in some cases, market participants may choose to use these rates alongside the relevant RFR and in place of Euro LIBOR or Japanese Yen LIBOR respectively. However, as mentioned above, some of these

IBORs are subject to reform because they suffer from similar issues to LIBOR and so market participants may prefer to use RFRs instead.

## **6. Will the proposed Alternative Reference Rates (ARRs) differ materially from LIBOR?**

The ARR's differ from LIBOR in three main ways:

a. ARR's are overnight rates which are published at the end of the overnight borrowing period. This means they are "backward-looking". In contrast, LIBOR is a term rate (i.e. it is a rate to borrow for a period of time such as 3 months or 6 months) and it is published at the beginning of the borrowing period. This means LIBOR is "forward-looking".

b. LIBOR also includes a premium for interbank credit risk (i.e. an additional amount to account for the risk that the borrowing bank may not be able to repay the interbank borrowing). ARR's, which are overnight rates and, in some cases, secured do not include this premium or include a reduced premium.

c. LIBOR also measures the same market in all currencies (i.e. the unsecured interbank lending market). The ARR's measure different markets. For example, the ARR's for Sterling, Japanese Yen and Euro are based on unsecured markets whereas the ARR's for US Dollar and Swiss Franc are based on secured markets. This means that different ARR's are likely to behave slightly differently.

Some market participants have indicated that, for their interest rate products, they need to know the rate of interest at the start of the borrowing period. As a result, some public/private sector RFR working groups (which were responsible for choosing the ARR's) are now considering whether forward-looking term versions of the ARR's can be developed. The Working Group on Sterling Risk-Free Reference Rates anticipates that a term SONIA reference rate could be available in Q1 2020. The US Alternative Reference Rates Committee (ARRC) is attempting to develop term SOFR by the end of 2021. The Cross-Industry Committee on Japanese Yen Interest Rate Benchmarks and the Working Group on Euro Risk-Free Rates are considering the development of forward-looking term RFR's. The National Working Group in Switzerland has indicated that a robust forward-looking term version of SARON is not currently feasible but that, if the situation changes, this may be reassessed.

## **7. What impact will LIBOR Transition have?**

Given that LIBOR is widely used, this transition may impact (amongst other things) existing products as well any future contracts using LIBOR as a reference rate, systems and processes

and tax and accounting treatment. Some of the impacts of LIBOR discontinuation are considered below.

a. **Payments under a product may be affected:** If payments under a product such as a loan, deposit, bond or a derivative are calculated by reference to LIBOR, the consequences of LIBOR discontinuation will depend on the terms of the contract. The contract may not specify what should happen if LIBOR is discontinued or, if it does, the so-called “fallbacks” or consequences may not be suitable. Alternatively, fallbacks may apply which result in the application of a new benchmark in place of LIBOR or the parties may agree to apply a new benchmark. Depending on how that new benchmark compares to LIBOR, this may mean that payments under that product may be more or may be less than they would otherwise have been.

b. **The value of the product may change:** A change in benchmark may also affect the value of the product (i.e. the mark-to-market value of a derivative or the secondary market value of a certificated deposit, loan or bond) so that it is worth more than or less than it would otherwise have been. If the value of a product changes, this could also have other implications, for example, in relation to tax.

c. **Operations and systems may be impacted:** If a backward-looking overnight rate is used in place of LIBOR, interest will be calculated at the end of the interest period. Operations and systems which currently rely on the interest rate being known at the start of the period may therefore need to be updated to deal with this change. LIBOR may also be embedded within systems and infrastructure more generally and so if LIBOR is discontinued, those systems and infrastructure may need to change.

d. **Impact on hedging arrangements:** A loan with an interest payment obligation which is hedged by a derivative may be impacted due to this transition. Mismatches between the way in which the loan and the derivative operate upon LIBOR being discontinued may impact the application of the hedge accounting rules to your financial arrangements.

## **8. What are fallbacks and are existing fallback language sufficient?**

Fallbacks are the contractual provisions that determine what rate counterparties should use in the event that the initially agreed upon benchmark rate is not available. Proposed fallback language being developed across the market considers new concepts and terminology, such as permanent cessation triggers and pre-cessation triggers, as well as the methods for how an alternative rate should be determined.

In general, most existing fallback language was written to address a situation where the benchmark was temporarily unavailable, rather than its permanent cessation. Consequently,

contracts may revert to rates which are not appropriate for their remaining duration, which could lead to contractual difficulties.

For legacy derivative contracts, the ISDA 2020 IBOR Fallbacks Protocol (“the ISDA Protocol”) may be used to incorporate new fallback language. For derivatives, which do not use ISDA master agreements and definitions, counterparties may need to bilaterally negotiate new fallback language for their contracts.

In the cash space, amendments of existing LIBOR contracts may become more complicated if there are multiple parties to a transaction. Robust fallback language should be included in all new and refinanced LIBOR-referencing loan contracts. Remediation will otherwise be required to amend existing LIBOR-referencing contracts.