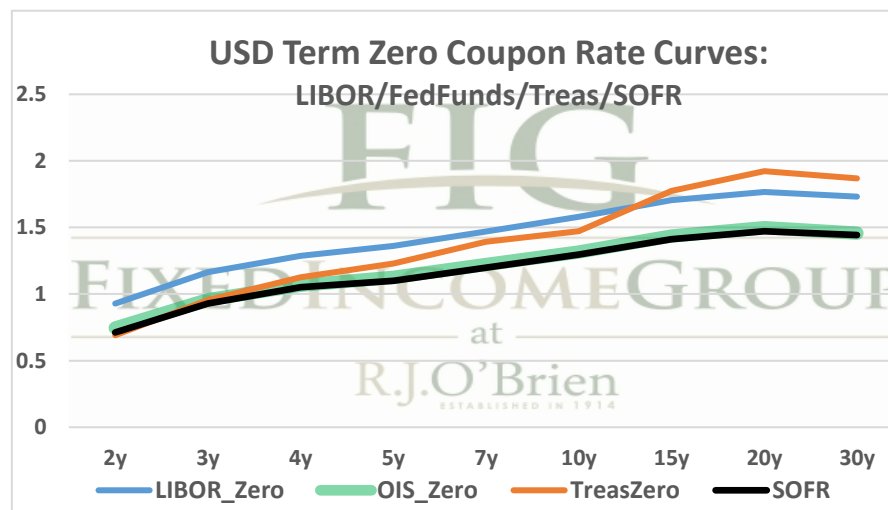
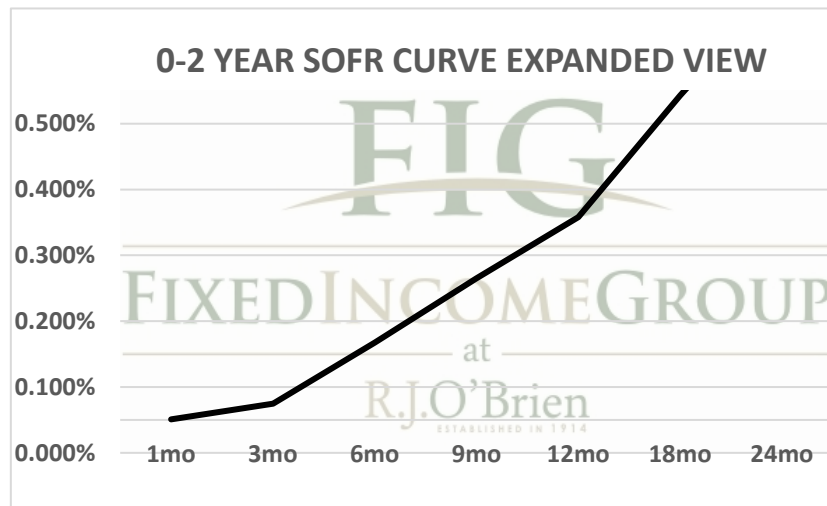


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Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to offer a few options for users: compounded, setting in arrears (currently used in OIS markets) or a term rate setting in advance like LIBOR. You have questions, we have answers.



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Term SOFR from 1-day Returns							
0.05089%	0.07466%	0.16752%	0.26528%	0.35824%	0.54298%	0.71415%	0.94960%
1.00004382	1.000186657	1.000846886	1.00201905	1.003632166	1.008250254	1.014481366	1.028910104
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021
1/22/2022	3/22/2022	6/22/2022	9/22/2022	12/22/2022	6/22/2023	12/22/2023	12/22/2024
31	90	182	274	365	547	730	1096
AMERIBOR 30T Term Curve							
0.11203%	0.11698%	0.19764%	0.29301%	0.38497%	0.57031%	0.74469%	0.98795%
1.00008875	1.000292458	1.00099918	1.0022301	1.003903135	1.008665616	1.015100595	1.03007755
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021	12/23/2021
1/23/2022	3/23/2022	6/23/2022	9/23/2022	12/23/2022	6/23/2023	12/23/2023	12/23/2024
31	90	182	274	365	547	730	1096

12/23/2021 6:30

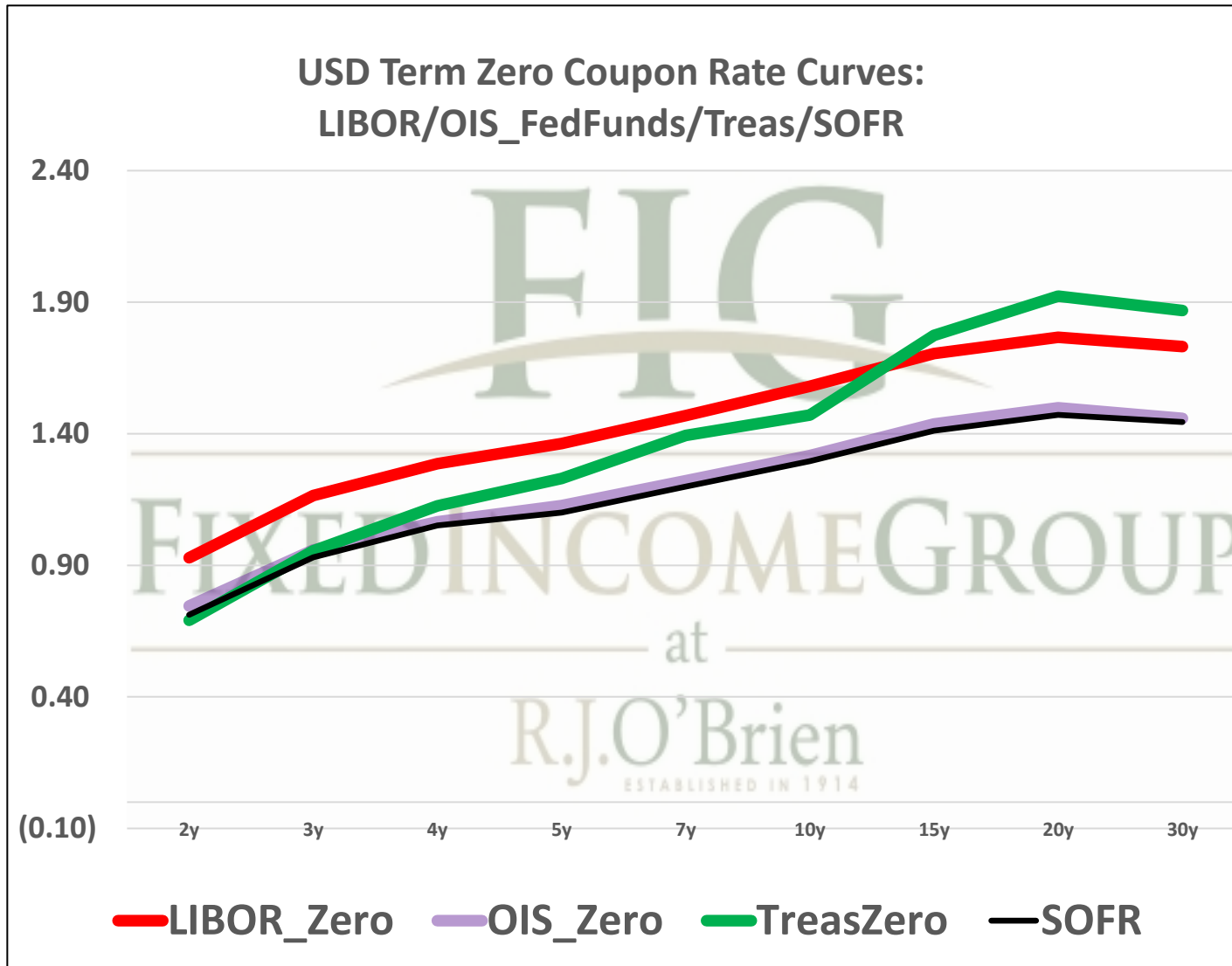
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For more information on the Libor replacement, contact: Rocco Chierici: 312-373-5439 SVP the Fixed Income Group at RJO
Corrine Baynes: 800-367-3349 VP the Fixed Income Group at RJO

The risk of loss in trading futures and/or options is substantial, and each investor and/or trader must consider whether this is a suitable investment.

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