

SKY Harbor Weekly Briefing

Notes from the Road – Miami Edition

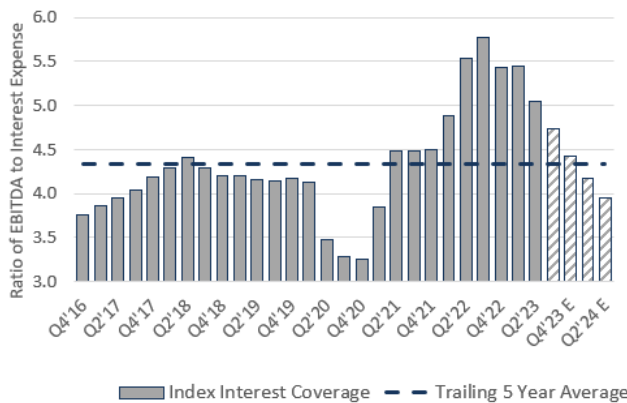
We had the pleasure of meeting numerous clients and platforms this past week in Miami, a trip that coincided with both the September FOMC meeting and renewed concerns over the strength of the global economy. What follows is a summary of the most topical discussions, presented below using SKY Harbor’s “FASST” construct (an acronym we use to describe our top-down assessment of the economy and markets, with a focus on Fundamentals, Asset Values, Sentiment, Sustainability, and Technicals). In this *Weekly Briefing*, we reiterate our view that default rates will remain subdued, that modestly adding duration makes sense given the current Fed backdrop, and that issuers will continue to use non-traditional levers to reduce the impact higher rates have on their ability to roll maturities and generate free cash flow.

Defaults to Remain Manageable (Fundamentals)

We have previously noted that high yield issuer EBITDA growth rates have surprised to the upside, with H1'23 earnings up modestly y/y, outperforming our initial projection of a slight contraction. That said, **early signs of a slowing consumer, along with pressure associated with further monetary policy tightening, have led some to worry about fundamental credit ratio resilience in the coming quarters.** To address this, we ran a simulation to project interest coverage metrics – historically the key driver of high yield bond default rates – under a more onerous set of economic conditions than our base case outlook. More specifically, a -3% annual EBITDA growth rate (in-line with our view), a 25 bps rate hike at the November FOMC meeting and no cuts through mid-2024 (the updated Fed dot plot view), a pull-forward of issuer refinancing (i.e. a more rapid uptick in interest expense than we currently expect), elimination of all free cash flow generation (more draconian than our view), and no ability to issue equity or sell assets to stem resulting pressure (also more draconian than our base case) would result in an interest coverage ratio of ~ 4.0x by mid-2024. **Though down from nearly all-time high levels at present (~ 5.0x), this punitive scenario would fail to push coverage metrics below the crucial 3.4x threshold by next summer, the point typically associated with a rapid uptick in the default rate.** As demonstrated below, a 4.0x interest coverage ratio would historically correspond to a sub-5% default rate, consistent with our regression-based projection of 4.5% by mid-2024, and 4.7% by the end of 2024.

Interest Coverage Set to Fall but Remain Above Critical Levels

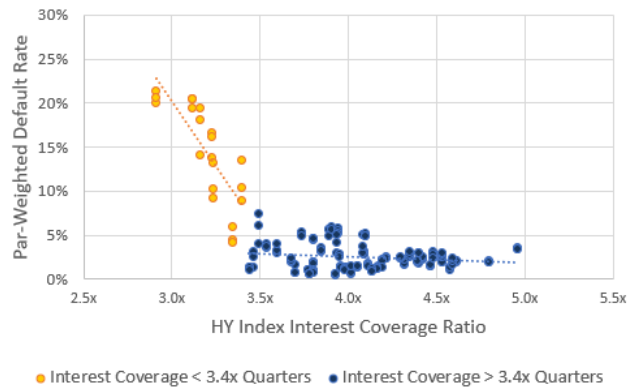
quarterly time series; striped bars are SKY Harbor projections



Source: SKY Harbor, ICE Data Indices, BofA Merrill Lynch, Bloomberg, Capital IQ

Defaults Tend to Rise When Interest Coverage Falls Below 3.4x

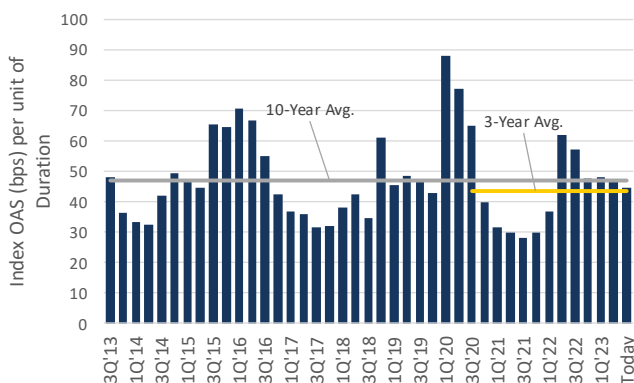
quarterly data, trailing 15 years prior to COVID



The Case for Modestly Increasing Duration (Asset Valuations)

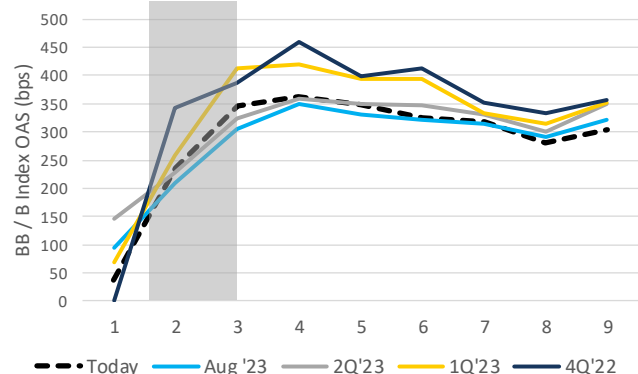
Over the last decade, the average high yield bond (single-B rated, ~ \$650mm in size) has offered investors nearly 50 bps of spread per unit of duration, holding all else equal. This historical average is very much in line with our calculation of term risk premiums today, resulting in a fair value view of duration. However, as demonstrated below, the corporate credit curve at present is relatively steep in the 1.5 to 3.0 duration range, perhaps signaling an attractive total return opportunity in the coming quarters, particularly if Fed rate hikes subside. As such, **we have gone modestly longer in our short duration high yield fund**, with DTW now at ~ 2.6 (up from ~ 1.8 at the start of '22 before the Fed hiking cycle began, and at the upper end of our trailing 5-year range of 1.1 to 3.0.)

Term Risk Compensation Merely Average



Source: SKY Harbor, ICE Data Indices, Bloomberg

Duration 1.5 to 3.0 Remains Steepest Part of Corp. Credit Curve

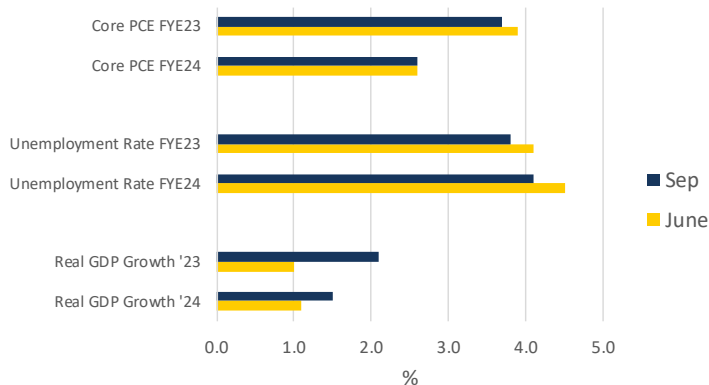


Higher for Longer (Sentiment)

The September FOMC meeting resulted in a “hawkish pause,” with 12 of 19 members expecting one more 25 bps hike before the end of the year. Though a vote to hold rates steady in September was widely expected, several changes to the Committee’s summary of economic projections were notable. First, **the outlook for both unemployment and GDP growth improved from the June iteration**, with members still confident that PCE inflation could moderate to the mid-2% range by next year. As an offset, however, a stronger than expected economic backdrop prompted a change in the dot plot, with **the median projection now implying only two 25 bps cuts in 2024, down from a projection of four in June**. Fewer cuts may disappoint owners of long-dated corporate bonds (particularly investment grade) who had been looking for a sharper duration rally, and the “higher for longer” theme could prove problematic for those overweight more speculative / distressed issuers now faced with an increasingly onerous refinancing environment that likely persists for another year.

A Better Outlook for Economic Growth and Employment...

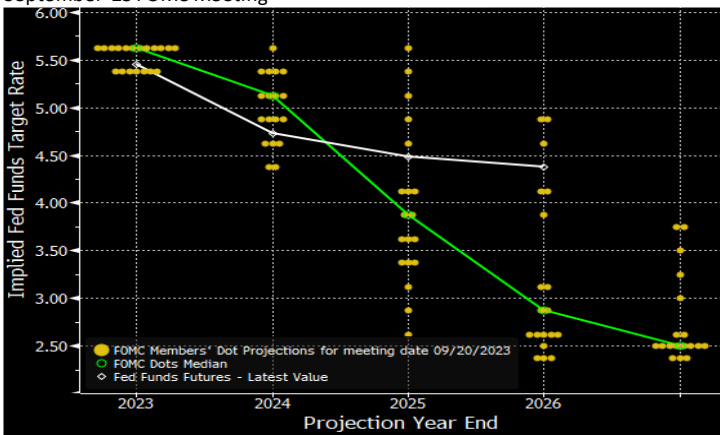
Summary of Economic Projections by FOMC Meeting Date



Source: SKY Harbor, Federal Reserve, Bloomberg

...Means Fewer Rate Cuts in '24

September '23 FOMC Meeting



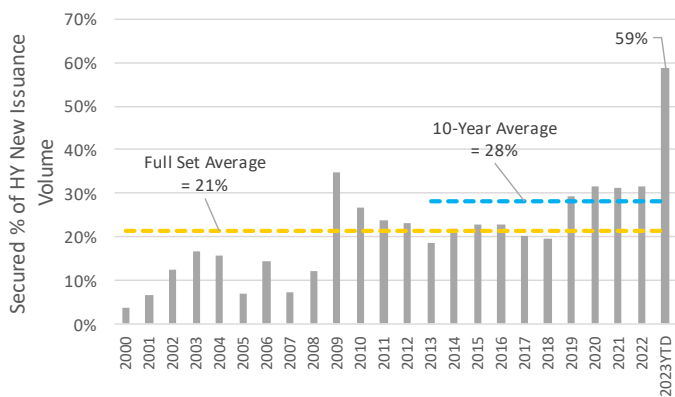
Issuers Get Creative (Technical)

A concern coming into 2023 was the impact monetary policy would have on corporate interest expense, as the average par-weighted coupon of the ICE BofA US High Yield Index (HOAO) was 320 bps below prevailing market yields at the start of this year, one of the most extreme divergences in the post-GFC era. To alleviate some of this pressure, issuers have, where possible, sought to address upcoming maturities with secured debt. As demonstrated below, **secured issuance penetration of primary market activity is at a 20-year high, and is currently running at nearly 3x the long-run average**. In this way, corporate management teams have been able to use unencumbered assets to temper the average cost of debt uptick when unsecured obligations issued in a near-zero risk free rate environment come due.

Though effective for most would-be issuers in the high yield market, this tactic could not fully bridge the financing gap among more speculative credits, particularly as bank lending standards continue to tighten. As demonstrated in the chart below (right side), **cash injections from private equity sponsors, private market solutions amidst healthy fund flows, and voluntary extensions among current holders have served to facilitate refinancings** among even the more distressed credits in the high yield bond space this year, keeping the default rate well below historical norms.

Issuers Using Secured Debt to Address Maturities

annual data



Source: SKY Harbor, JP Morgan, Bloomberg

Sponsors, Private Mkts, & Bondholders Providing Alt. Solutions

Examples from 2023

Issuer Name	Sponsor Equity Injection	Private Mkt Solution	Holder Extension
Brand Energy	X		
BWAY/Mauser	X		X
Finastra		X	
FXI Holdings	X		X
Heartland Dental	X		
Hyland Software		X	
Legends Hospitality		X	
New Home	X		X
Rayonier Adv. Mat.		X	
Sabre Corp		X	
Tecomet		X	
Trinseo		X	

Everything in Moderation

In general, we would describe the tone of our recent meetings as constructive on high yield market risk, though an elevated amount of uncertainty is likely to persist in the intermediate term. In our view, a reduction in rate volatility that typically follows the end of a Fed hiking cycle gives us comfort to modestly increase portfolio duration, but at a measured pace where the credit curve is steepest. Additionally, a benign default rate environment should persist over the next year, though we think interest coverage metrics for the more speculative / CCC-rated / free cash flow constrained portion of the market will erode more rapidly under a “high for longer” regime. Finally, we would note that primary market volumes of ~\$130bn on a year-to-date basis – though below the trailing 10-year annualized average of ~\$300bn – have been sufficient to prevent a refinancing crunch, with private equity sponsors, private market investors, and current bondholders creatively extending maturity runways.

Important Disclosures and Disclaimers

This analysis and the opinions expressed herein are intended solely for institutional and professional investors that are responsible for assessing their own risk tolerances under prevailing market conditions. SKY Harbor Capital Management, LLC ("SKY Harbor") provides this document for informational purposes only. Nothing contained in this document is or should be construed as an advertisement, or an offer to enter any contract, investment advisory agreement, a recommendation to buy or sell securities of any kind, a solicitation of clients, or an offer to invest in any particular fund, product, investment vehicle, or derivative.

This document contains forward-looking statements that are based on SKY Harbor's current views and assumptions. Forward-looking statements such as the findings of our analytical research, our outlook for interest rates, Fed policy, the economy, high yield markets and the like, or our intended adjustments to the portfolios within our strategies are subject to inherent risks, biases and uncertainties that are beyond SKY Harbor's control and may cause actual results to differ materially from the expectations expressed herein.

The information contained herein is subject to change, and SKY Harbor is under no obligation to update any information contained herein. Certain information contained in this document has been obtained from third-party sources and, although believed to be reliable, has not been independently verified, and its accuracy or completeness cannot be guaranteed. SKY Harbor, its affiliates, officers, directors and employees hereby disclaim any liability whatsoever related to the use of this publication or its content and make no express or implied warranties of merchantability or fitness for any particular purpose or use with respect to the data, projections, analysis, content, or conclusions included in this publication.

Investing in securities involves risk of loss and past performance is not necessarily indicative of future results. Fixed income securities, especially high yield debt securities, are subject to loss of income and principal arising from credit risk, which is the risk that the issuer will be unable to make interest and principal payments when due. Material risks in investing in high yield debt securities also include, but are not limited to, opportunity cost (the risk that an issuer's credit trends deteriorate resulting in a higher level of compensation demanded by the market relative to the initial investment), interest rate risk, liquidity risk, selection risk, and overall market risk. In general, issuers of high yield debt securities have a greater likelihood of defaulting on the payment of interest or principal than issuers of investment grade bonds. There can be no assurance that the investment objectives described herein will be achieved or that substantial losses can be avoided.

Gross performance results do not reflect the deduction of investment advisory fees, which would reduce an investor's actual return. For example, assume that \$1 million is invested in an account with the Firm, and this account achieves a 6% compounded annualized return, gross of fees, for five years. At the end of five years that account would grow to \$1,338,226 before the deduction of management fees. Assuming management fees of 0.55% per year are deducted annually from the average annual AUM, the value of the account at the end of five years would be \$1,302,846, which is the equivalent of an annual compounded rate of 5.43%. For a ten-year period, the ending dollar values before and after fees would be \$1,790,848 and \$1,697,408, respectively. SKY Harbor's asset-based fees are generally billed monthly or quarterly in arrears. Please refer to the SKY Harbor's ADV Part 2A or applicable Offering Documents for more information on fees. Consultants supplied with gross results are to use this data in accordance with SEC, CFTC, NFA or the applicable jurisdiction's guidelines.

SKY Harbor is not a tax or legal advisor. Prospective investors should consult their tax or legal advisors before making tax-related investment decisions.

The ICE BofA Index data referenced herein is the property of ICE Data Indices, LLC ("ICE BofA") and/or its licensors and has been licensed for use by SKY Harbor. ICE BofA PERMITS USE OF THE ICE BofA INDICES AND RELATED DATA ON AN "AS IS" BASIS, MAKES NO WARRANTIES REGARDING SAME, DOES NOT GUARANTEE THE SUITABILITY, QUALITY, ACCURACY, TIMELINESS, AND/OR COMPLETENESS OF THE BofA INDICES OR ANY DATA INCLUDED IN, RELATED TO, OR DERIVED THEREFROM, ASSUMES NO LIABILITY IN CONNECTION WITH THE USE OF THE FOREGOING, AND DOES NOT SPONSOR, ENDORSE, OR RECOMMEND SKY Harbor or ANY OF ITS PRODUCTS OR SERVICES.

© 2023 SKY Harbor. This document may not be reproduced or transmitted, in whole or in part, by any means, to third parties without the prior written consent of SKY Harbor.