## FRS Investment Plan Detailed Fund Operations FRS Select U.S. Bond Enhanced Index Fund (B15)

The FRS Select U.S. Bond Enhanced Index Fund was developed for the FRS Investment Plan and may use multiple institutional investment managers that serve in a fiduciary capacity. Each manager has a target share, which may be periodically changed based on funding levels and other considerations. Index managers are expected to be used as the primary liquidity vehicle to facilitate initial funding, daily transfers and rebalancing.

The historical performance and fee data for the FRS Select Funds was derived using the following approach. The FRS received historical monthly gross of fees return data for the individual investment managers or bundled provider products (for the FRS Select Balanced Funds). Historical monthly gross returns for the individual managers were adjusted for the fees applicable to the FRS. The fees used to calculate net returns were based on the highest fee tier, representing the fees charged against the first dollar invested in the Fund. This "worst case" fee scenario was also used in other fee presentations (e.g. *Fund Profile, Investment Funds Summary*, etc.). For the FRS Select Enhanced Index Funds (i.e with multiple investment managers), the FRS calculated a weighted average of the underlying managers' historical net returns according to the target manager allocations identified in each *Detailed Fund Operations*.

## **Restrictions on Transfers:**

Investment funds in the FRS Investment Plan are subject to excessive trading restrictions as detailed in the FRS Investment Plan Summary Plan Description and FRS Excessive Fund Trading Policy.

A table in this document includes detailed information on the operations of the investment managers:

Barclays Global Investors 45 Fremont Street 34th Floor San Francisco, CA 94105

Prudential Investment Management Inc. 2 Gateway Center, 4<sup>th</sup> Floor Newark, New Jersey 07102-5096 Investment Manager: Barclays Global Investors (U.S. Debt Bond Index Product)

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Targeted Share of Fund	50% (actual share will vary)			
Asset Class and Objective	Core Bond Fund			
Product Benchmark	Lehman Aggregate Bond Index			
Marketing Company	None			
Restrictions on Transfers	Investment funds in the FRS Investment Plan are subject to excessive trading restrictions as detailed in the FRS Investment Plan Summary Plan Description and FRS Excessive Fund Trading Policy.			
Investment Philosophy	Barclays Global Investors'(BGI) objecti based portfolio to institutional investors	ve in managing the fund is to deliver a high quality and cost-effective index-		
Research Process	See Security Selection and Portfolio			
Security Selection	Optimization is used to select a subset of the index securities to minimize tracking error while controlling rebalancing costs.			
Portfolio Construction	The US Debt Bond Index Fund shall be objective of approximating as closely as defined by the Lehman Brothers Aggreg guaranteed by the United States governs States corporations and dollar denomina securities issued or guaranteed by the Unortgage-backed securities; and, investr may invest a portion of the Fund in inte for investment in debt securities. No Further US Debt Bond Index funds are "surgovernment, intermediate corporate, introduced in the securities funds.  Futures and Options: BGI does not use futures to add value; a employed within the collective funds to cash flows associated with securities in the exposure proportionate to the size of both the overall portfolio tracking error that excess of 0.15% would be equitized using Securities Lending: This fund participates in securities lending part of the Global Index and Markets Grananagement services, cash management BGI currently deals with only 34 counterlending to highest credit quality borrows who are able to meet their obligations winclude:  -Credit screening of borrowers to detern-Collateral requirements that govern recaccepts only cash, obligations of the US	e US Debt Bond Index Fund shall be invested and reinvested primarily in a portfolio of debt securities with the ective of approximating as closely as practicable the total rate of return of the market for debt securities as inced by the Lehman Brothers Aggregate Bond Index. Debt securities shall include obligations issued or tranteed by the United States government, its agencies or instrumentalities; investment grade obligations of United tes corporations and dollar denominated debt obligations of other issuers included in the Index; mortgage-backed unities issued or guaranteed by the United States government or its agencies or instrumentalities; commercial unities issued or guaranteed by the United States government or its agencies or instrumentalities; commercial unities state of guaranteed by the United States government or its agencies or instrumentalities; commercial unities state and interest rate futures contracts for the purpose of acting as a temporary substitute investment in debt securities. No Fund will engage in speculative futures transaction.  • US Debt Bond Index funds are "superfunds" which invest in six underlying funds: long corporate, long retrement, intermediate corporate, intermediate government, mortgage-backed securities and asset-backed unities funds.  **Utures and Options:** 61 does not use futures to add value; futures are used only to decrease tracking error. Futures contracts are ployed within the collective funds to "equitize" cash flows. These flows are generated from dividends and other h flows associated with securities in the portfolio. Futures contracts are purchased to provide immediate market become proportionate to the size of both cash flows and residual cash within the portfolio. The goal is to reduce overall portfolio tracking error that would be incurred should cash remain uninvested in the portfolio. Cash in reses of 0.15% would be equitized using Lehman Aggregate futures contracts.  **Curities Lending:**  61 currently deals with only 34 counterparties. Their philosoph		
Sall Dissiplins	Not and Earth			
Sell Discipline	Not applicable			
Portfolio Manager(s)				
Name	Investment Experience	Experience Last 5 Years		
Matt Tucker	11 years	Head of Enhanced and Index Fixed Income Strategy; at BGI since 1996		
Lee Sterne	16 years	Senior Portfolio Manager; at BGI since 1996		
Marcus Tom	16 years	Portfolio Manager; at BGI since 2000		
Peter Knez	18 years	CIO, Global Fixed Income; at BGI since 2003		



## Investment Manager: Prudential U.S. Fixed Income Enhanced Index Fund

Targeted Share of Fund	50% (actual share will vary)		
Asset Class and Objective	Core broad bond fund		
Fund Benchmark	Lehman Aggregate Bond Index		
Marketing Company	Prudential Retirement Services		
Restrictions on Transfers	Investment funds in the FRS Investment Plan are subject to excessive trading restrictions as detailed in the FRS Investment Plan Summary Plan Description and FRS Excessive Fund Trading Policy.		
Investment Philosophy	Prudential Fixed Income's objective is to consistently achieve total return of 15-20 bps over a broad market index through active security selection and trading across government, mortgage and corporate bonds.		
Research Process  Research is a major competitive advantage for Prudential senior members averaging 14 years of investment experies		Fixed Income. A 31 person in-house research staff, with	
	Fifteen domestic and foreign analysts are dedicated to investment grade corporate research. These analysts cover approximately 40 corporate subsectors as well as structured and asset-backed products. They follow 800 investment grade U.S. and Yankee issuers, with approximately 350 of those receiving priority coverage.		
Security Selection	The bulk of Prudential Fixed Income's deviations from the benchmark in individual security weightings will be in the corporate market. They begin by assigning priority coverage to the top 350 issuers in the corporate bond market. A financial analysis is developed, with projections, and each analyst assigns a credit score based on their rating option. This credit score is one of six factors loaded into Prudential Fixed Income's corporate Bond Relative Value Matrix. The Matrix also considers yield spread, liquidity, equity performance and equity volatility when assigning an overall ranking to each issue and subsector in their universe. The overall ranking is one of the tools used in security selection.		
Portfolio Construction	Portfolio Guidelines and Rules: Sector allocation: +/- 2% from the benchmark. Corporate subsector allocation: +/- 3% from the benchmark. The yield curve is divided into 10 different duration "cells" -(1-3 years, 3-5 years, etc.) keeping each within +/-3% of the benchmark. Duration: +/- one-tenth of a year of the benchmark. Individual Issue Weightings: one-half of one percent over or under the (corporates) benchmark weight. Quality: +/- 3% for AAA, +/- 2% for AA-BAA.		
Sell Discipline	For corporate bonds, Prudential Fixed Income's sell decisions are generally predicated on one of three factors: 1) A bond has reached its target price set when it was purchased. 2) The company's fundamentals seem likely to deteriorate. 3) There is an opportunity to improve the overall portfolio.		
	For U.S. Government and mortgage-backed securities, a security is generally sold if the models indicate that the security has become rich to fair value, and a cheaper alternative security can be identified.		
Portfolio Manager(s)	Investment Experience	Experience Last 5 Years	
Jim Herbst	16 years	Portfolio Manager of the fund	
Kay Willcox	21 years	Portfolio Manager of the fund	

