



The Webcast will begin shortly.



Actuarial Systems Corporation

2021 Spring Release



General Enhancements from our ASC System Update Memo

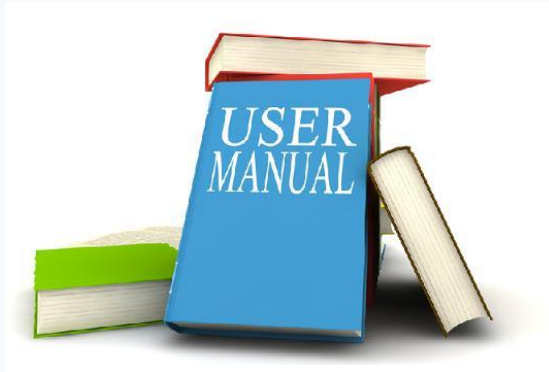
ASC – Schedule for Release and Patch Files



- Spring and Fall Releases. Spring is typically posted at the end of May or beginning of June. This Fall we expect the release date to be November 8, 2021.
- Patch Files are posted on the 2nd and 4th Monday of each month.

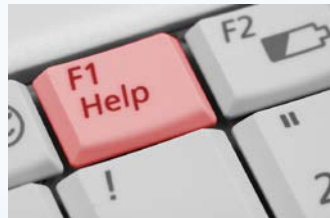
ASC – Updated Manuals and Online Help

- Manuals have been updated for recent program changes and installed on your system with the release. Select Help-Manuals from the ASC main menu to review the latest updated manuals:



- DB Reference Manual
- DC/401k Training Manual
- Compliance Testing Manual
- Money Manager Link Manual
- Trading Platform Guide
- Systems Reference Manual

- Online Help, press <F1> from any Employee field, Plan Spec field, or Menu command.



ASC – General Enhancements

SECURE Act Enhancement to the 72 Listing

Reports – Other - Age 72 – Run this report (either on a single plan or with no plans open) to get a listing of employees to help determine who is ready to receive an RMD Required Minimum Distribution. The Report has been updated to identify participants who may now begin taking distributions when they reach age 72.

Age 72 Listing

Determination Date: **12312021**

☒ Only participants with balances

Report Options

☒ Print report
☐ Separate page for each plan

Social Security Number

☐ Yes
☒ Mask
☐ No
☐ EENumber

Extract Options

☒ Create extract file
c:\temp\visitingfor2021.xlsx

Reports Utilities Systems Window Help

Employee Statements
Other

Age 72...

Active and Term Counts...
Locate Employees...
Assets and Contributions...
Funds by Plan...
Unpurchased Transactions...
Employees at Selected Age...
Search for Description...

**List of Employees over Age 72
As of December 31, 2021
(Zero Balances Excluded)**

Participant Name	Soc Sec #	Date of Birth	Date of Term	Retire Date	Age	Status	Account Balance	Key	Owner Pct	Family Code	Spouse Code	Lin Desc Code
D17, 0001	Training Sample 401k											
Jane Carne	xxx-xx-2222	05/20/1949		05/20/2024	73	B	1,015.50	Y	100.0	0	0	0
Dan Fork	xxx-xx-4444	06/07/1944		06/07/2029	78	B	982,122.38	N	0.0	0	0	0
D17, 0002	SAMPLE PLAN WITH INSURANCE PROFIT SHARING PLAN											

ASC – DC/401K Enhancements

SECURE Act Enhancement to the Required Minimum Distribution Calculation

- From an opened plan, using Calculations - Individual Employee - Required Minimum Distributions, the system will allow for processing RMDs for individuals 72 or more beginning in 2021.
- Included in this release are the mortality tables for distribution calendar years beginning on or after January 1, 2022 as established in the final regulations effective November 12, 2020.
- <https://www.federalregister.gov/documents/2020/11/12/2020-24723/updated-life-expectancy-and-distribution-period-tables-used-for-purposes-of-determining-minimum>

ASC – DC/401k Enhancements

Partial Plan Termination Wizard

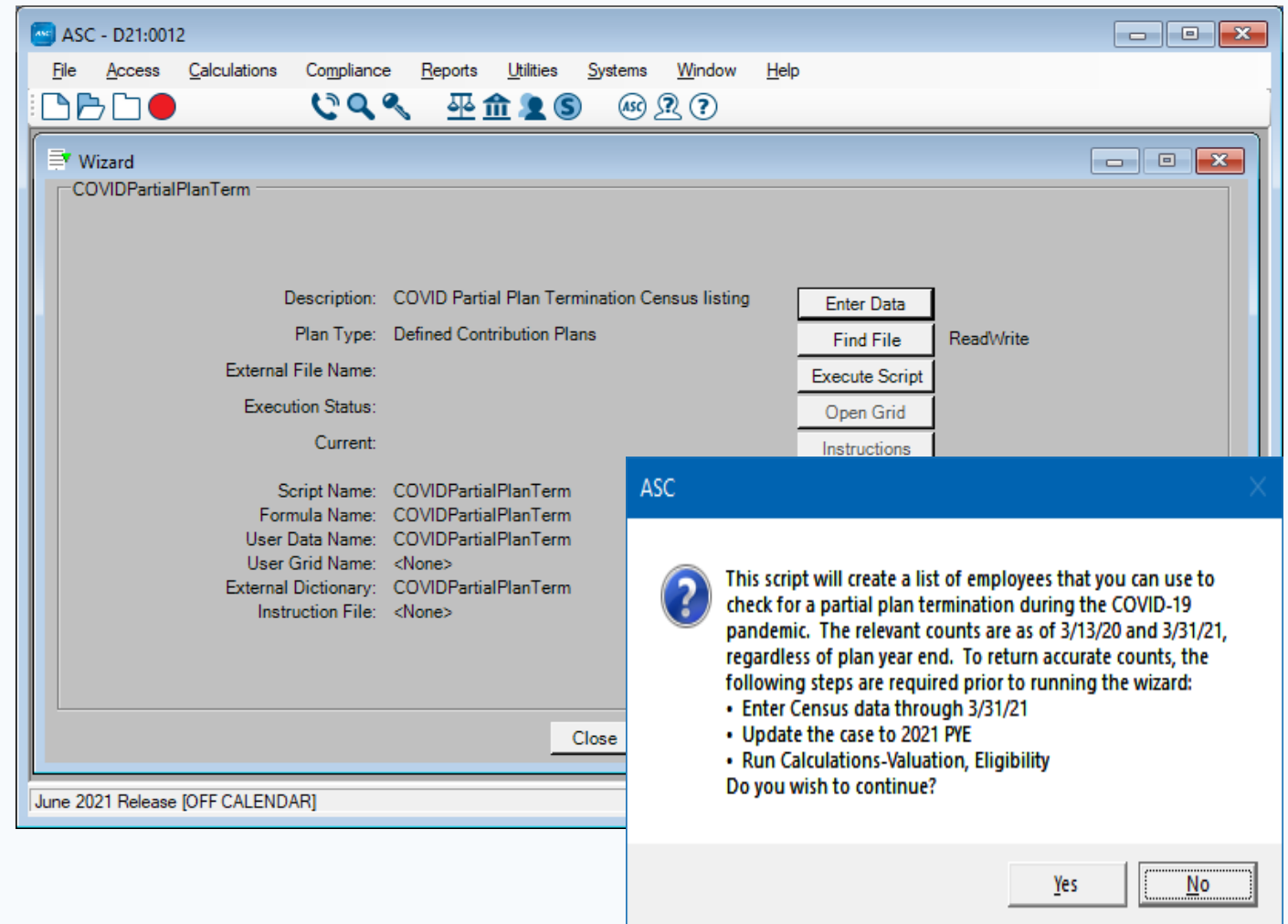
A new wizard to add to your tool chest is now available for DC plans. This wizard may be used as a step to help users who are running through their checklists for facts and circumstances in determining if the facts point to a possible partial plan termination. The “COVID Partial Plan Term” wizard will provide a listing of the employees to use for checking the turnover rate for a partial plan termination during the COVID-19 pandemic. The relevant turnover counts are specified as 3/13/2020 and 3/31/2021 regardless of the plan year end.

The plan should be updated to 2021 and for accurate results the census as of 3/31/2021 must be input. Run the wizard from the main ASC menu from the opened plan.

ASC – DC/401k Enhancements

Partial Plan Termination Wizard

Click on Utilities-Wizards-Execute and open the file labeled “COVIDPartialPlanTerm.WZD” from the ASCNET\REPORTS\ folder. Click on Enter Data to provide the path and filename for the export file. Then select “Execute Script”. Retrieve the exported text or xls file and open it to review the results.



ASC – DC/401k Enhancements

Partial Plan Termination Census Listing										Partial Plan Termination Wizard									
Name	SSN	Birth	Hire	Termination	Rehire	Entry	Status	Hours	Excl. Statu	Empl. Stat	Comp	07/31/20 - 07/31/20 - Hire	07/31/20 - Ter	07/31/20 - 07/31/20 - 07/31/20 - Comp					
Retrieve the exported text or xls file and open it to review the results.																			
GARY, - -	#####	7/23/2012				8/1/2013	A	0	N	F	25000	A	7/23/2012		1500	124404.6			
ALEXA - -	#####	9/8/2008	9/24/2020	3/1/2021	2/1/2010	A		450	N	F	11000	A	9/8/2008		1500	54000			
BOND - -	#####	5/1/2006			8/1/1998	A		0	N	F	25000	A	5/1/2006		1500	48725.33			
BOND - -	#####	6/22/1992			8/1/1998	A		0	N	F	25000	A	6/22/1992		1500	45452.24			
BOND - -	#####	#####	3/29/2021		2/1/2013	H		650	N	F	15000	A	12/18/2011		1500	35428.24			
CARTE - -	#####	#####	1/29/2021		2/1/2016	H		600	N	F	16000	A	10/20/2014		1500	42499.92			
CARTE - -	#####	#####			2/1/2006	A		0	N	F	25000	A	10/11/2004		1500	38754.15			
PORT, - -	#####	1/10/1995	2/8/1999		8/1/1998	T		0	N	F	0	T	1/10/1995	2/8/1999	0	0			
PORT, - -	#####	1/3/1995	9/20/1999		8/1/1998	T		0	N	F	0	T	1/3/1995	9/20/1999	0	0			
FISH, - -	#####	5/29/2011	6/12/2020		8/1/2012	T		0	N	F	0	M	5/29/2011	6/12/2020	1500	35250			
KING, - -	#####	6/11/2003			8/1/2008	A		0	N	F	25000	A	6/11/2003		500	20371.93			
LEE, M - -	#####	3/16/2020			8/1/2021	S		0	N	F	25000	S	3/16/2020		500	9779.37			
PARSC - -	#####	1/30/2014			2/1/2015	A		0	N	F	25000	A	1/30/2014		500	12206.25			
PEERY - -	#####	8/8/2014	6/12/2020		2/1/2016	T		0	N	F	0	M	8/8/2014	6/12/2020	1500	34780			
ROWL - -	#####	7/20/2015			8/1/2019	A		0	N	F	25000	B	7/20/2015		500	170			
SMITH - -	#####	3/11/2019			8/1/2021	S		0	N	F	25000	S	3/11/2019		500	21590.82			
WILDE - -	#####	9/25/2017	6/12/2020		2/1/2019	T		0	N	F	0	M	9/25/2017	6/12/2020	1500	50592.75			
YOUN - -	#####	3/16/2008			8/1/2009	A		0	N	F	25000	A	3/16/2008		1500	30270.74			
YOUN - -	#####	7/7/2014			8/1/2015	A		0	N	F	25000	A	7/7/2014		1500	39750			
Total Employees Listed:					19														
Active Employees as of 3/13/2020:					15	(Statuses ABC w/DOE on or before 3/13/2020 and statuses HMNT w/DOT after 3/13/2020)													
Active Employees as of 3/31/2021:					10	(Statuses ABC w/DOE on or before 3/31/2021 and statuses HMNT w/DOT after 3/31/2021)													

Run this wizard if the DC plan is subject to Vesting.

Move forward and calculate a turnover rate using the counts from 3/13/2020 and 3/31/2021.

ASC – DC/401k Enhancements

New Loan ID field

May be used to match or connect the loan details to an outside recordkeepers loan number(s). This field located in the EE record and the Loan Accounts, actual loan and source screen, under Term.

Maximum space (2)
alpha-numeric characters.

Loan: Loan #1 Default Loan #1
Source: DEFERRAL Employee Deferral

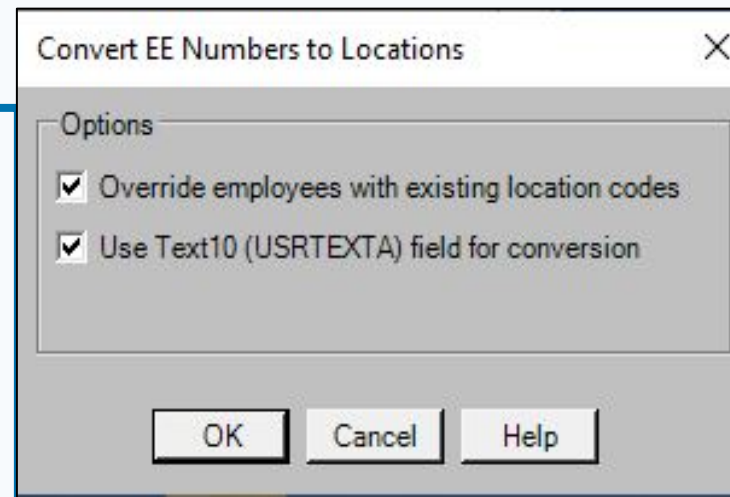
Term

Loan Id	12
Date of Loan	03/31/2020
Original Loan Balance	50000
Interest Rate	4.500
Total Payments	60
Payments per Year	12
First Payment Date	01/01/2021
Interest to Date	
Scheduled Payment	959.96
Number of Payments Made	
First Period Interest Adjustment	1605.01
Handling Code	C - CARES Act

ASC – DC/401k Enhancements

Convert Employee User Field to Location Number

This option was added to accommodate a field conversion with a length that exceeds the 9 characters that is available with the NUMBER field. The Usrtext fields are helpful for multiple tasks when working with formulas or whenever you need a holding place. To convert EMPLOYEE Text10(USRTEXTA) field to a new location, Select Utilities>Change Structure>EE # to Location to access the utility dialog screen. Check box to “Use Text10 (USRTEXTA) field for conversion”. Click OK. The system will create new location numbers for each unique Employee Text10 field. The new Locations will display in Plan Spec > Locations >LOCATION as well.

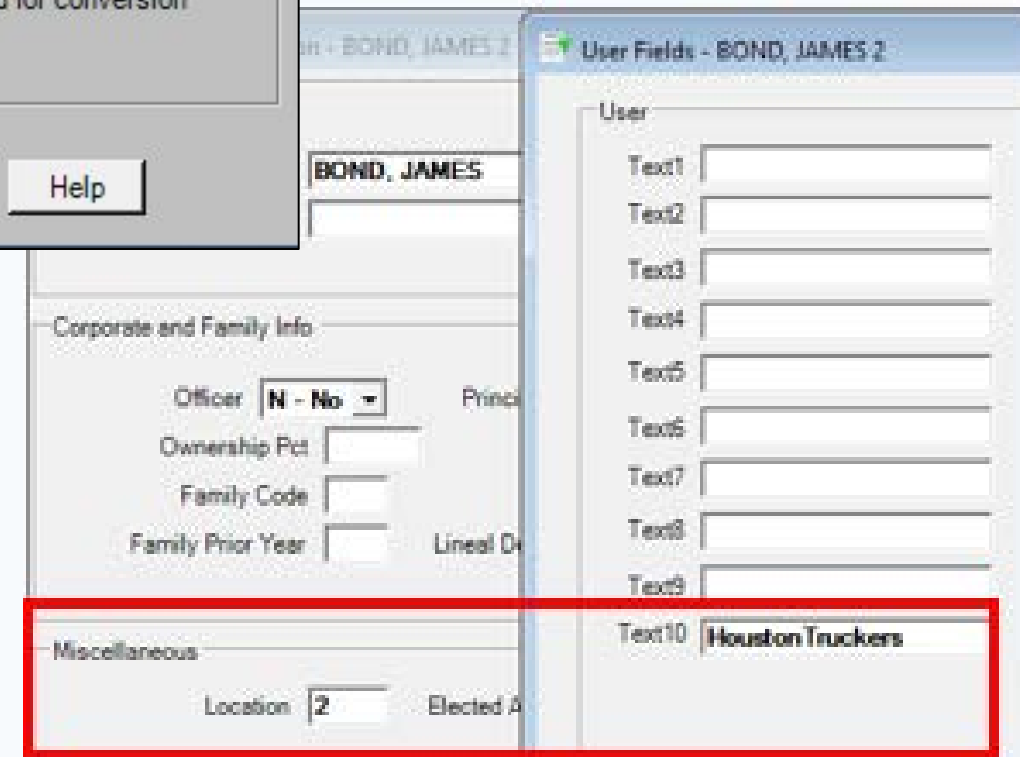


Convert EE Numbers to Locations

Options

- ☒ Override employees with existing location codes
- ☒ Use Text10 (USRTEXTA) field for conversion

OK Cancel Help



User Fields - BOND, JAMES 2

User

Text1

Text2

Text3

Text4

Text5

Text6

Text7

Text8

Text9

Text10 Houston Truckers

Corporate and Family Info

Officer N - No

Ownership Pct

Family Code

Family Prior Year

Lineal D

Miscellaneous

Location 2

Elected A

ASC – DC/401k Enhancements

SECURE Act Enhancement to the Participant Statements for the “Lifetime Income Attachment”

Effective 9/18/21 a Defined Contribution Plan must illustrate once per year, for each participant, the value of an account balance expressed as a Life annuity and as a 100% joint and survivor annuity in dollars/month.

ASC has programmed to meet the statement requirement using the Safe Harbor Parameters with some flexibility to use alternative mortality tables and interest rates for other methods.

<https://www.federalregister.gov/documents/2020/09/18/2020-17476/pension-benefit-statements-lifetime-income-illustrations>

ASC – DC/401k Enhancements

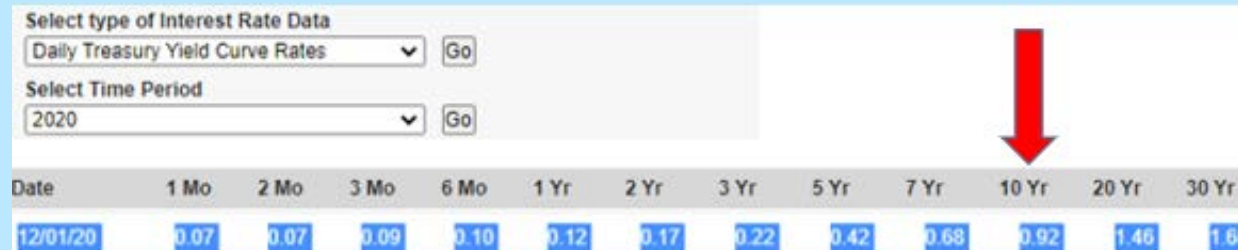
The required statement language has been hard-coded in ASC for all DC statements under Reports-Employee Statements.

Assumptions made:

- ☐ Current balance (100%) on statement is used, no inflation adjustment, non-defaulted Loans included
- ☐ Age 67 or Actual Age if older
- ☐ Participant is married and the spouse (for the J&S) is the same age as the participant.
- ☐ Interest Assumption used for annuity payments use Interest rate from the 10-year constant maturity Treasury securities yield rate for the first business day of the last month of the statement period.

An example, Use interest rate from 12/1/2020 for 12/31/2020 would be **.92**.

Daily Treasury Yield Curve Rates: <https://www.treasury.gov/resource-center/data-chart-center/interest-rates/Pages/TextView.aspx?data=yield>



The screenshot shows the Treasury Yield Curve Rates page. The 'Select type of Interest Rate Data' dropdown is set to 'Daily Treasury Yield Curve Rates'. The 'Select Time Period' dropdown is set to '2020'. A red arrow points to the '10 Yr' column in the table below.

Date	1 Mo	2 Mo	3 Mo	6 Mo	1 Yr	2 Yr	3 Yr	5 Yr	7 Yr	10 Yr	20 Yr	30 Yr
12/01/20	0.07	0.07	0.09	0.10	0.12	0.17	0.22	0.42	0.68	0.92	1.46	1.66

- ☐ Mortality Table Assumption used for annuity payments use the Internal Revenue Code §417(e)(3)(B) unisex table updated annually *[RPYYC U in ASC, where YY is the year.]*

ASC – DC/401k Enhancements

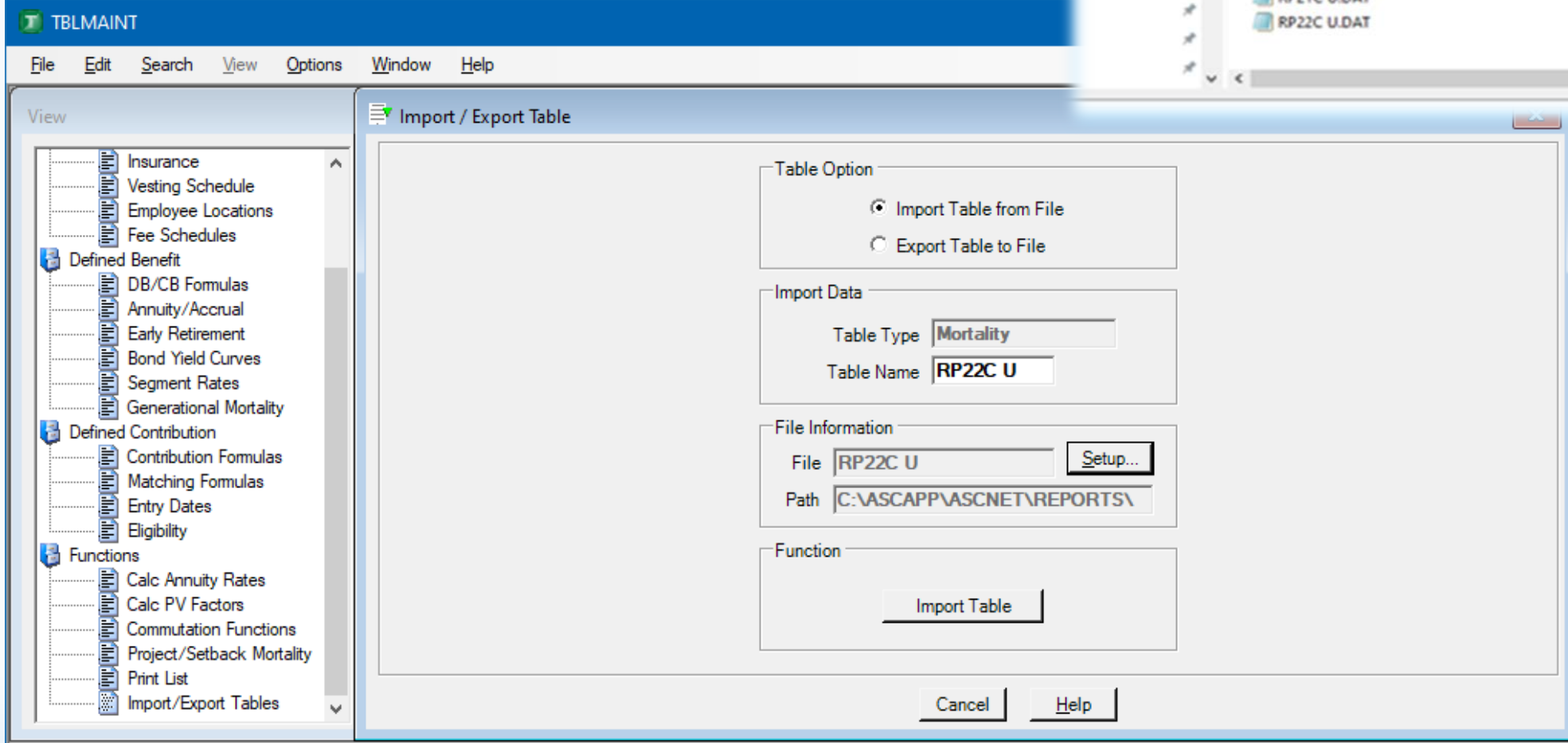
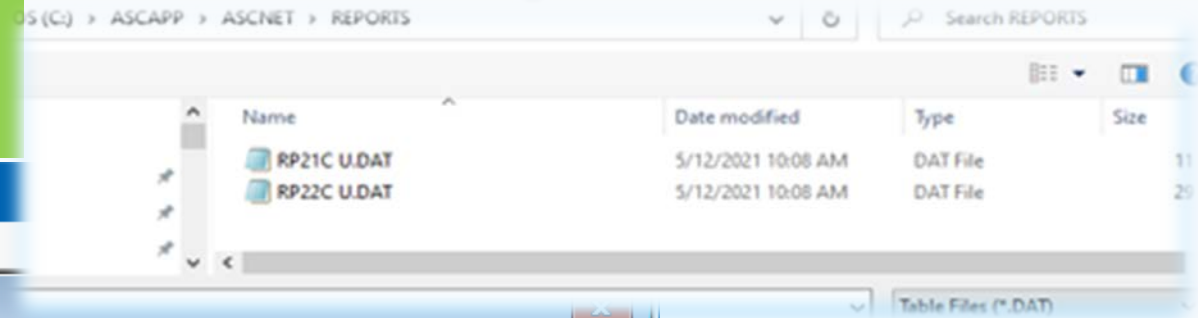
Participant Statements “Lifetime Income Attachment”

1. Check the Plan Specs for the Lifetime Options
 - a) Interest
 - b) Mortality Table
2. Run Projected Calcs to populate the APR's
3. Print the Participant Statement from Reports-Employee Statements – check box for the Lifetime Income Attachment

ASC – DC/401k Enhancements

ADD A MORTALITY TABLE TO THE ASC SYSTEM

- USE TABLE Maintenance – Functions – Import/Export Tables
- Click Setup, browse to ASCNET\REPORTS to locate file to import.



ASC – DC/401k Enhancements

PLANSPEC - D21:0010

File Edit Search View Options Window Help

ENTER INTO PLAN SPECS

View

Specifications

- General
 - Identification
 - ID
 - ELIG
 - SECELIG
 - TERELIG
 - ALTELIG
 - RETIRE
 - Vesting
 - Definitions
 - Insurance
 - Assumptions
 - PROJECT
 - AGEBASED
 - FLOOROFF
 - Daily Valuation
- Source
- Fund
- Loan
- Values
- Transactions
- Locations

Projection Assumptions

Normal Form

Illustration Age **2 - Age Nearest**

Projected Age Years Certain ☐

Percent to Survivor Years Wife's Younger ☐

Percent Males Married Percent Females Married ☐

Lifetime Income

Interest Rate **.92**

Mortality Table **RP22C U**

Pre-Retirement

Interest Rate 1 **8.00** Number of Years **99**

Interest Rate 2 **8.00** Number of Years **99**

Interest Rate 3 **8.00**

Post-Retirement

Interest Rate **8.00**

Load

COLA

Tables

	Male	Female		
Pre-Retirement Mortality	<input type="text"/>	<input type="text"/>	Annuity Table - Male	<input type="text"/>
Post-Retirement Mortality	UP-84	UP-84	Annuity Table - Female	<input type="text"/>

OK Cancel

ASC – DC/401k Enhancements

RESULTS are in PROJBAL in EE Records (APRs can also be input*)

Valuation

EMPLOYEE - D21:0011

File Edit Search View Options Window Help

View

Specifications

- Basic Data
 - NAME
 - DATE
 - COMP
 - HISTORY
 - ADDRESS
- Account Values
 - VALUE
 - COST
 - LOAN
 - FUNDPCT
 - TRANSACTION
- Calculation Totals
 - CONTRIB
 - FORF
 - TIERALOC
 - INSUR
 - PROJBAL**
 - SOLEPROP
 - VESTING
- Limits
- Compliance

Selected Calculations

- ☐ Eligibility
- ☐ Limit Compensation
- ☐ Social Security
- ☐ Allocations
 - ☐ Vesting
 - ☐ Earnings
 - ☐ Amounts Forfeited
 - ☐ Contributions
 - ☐ Forfeitures
 - ☐ Limit Contribution
 - ☐ Reallocate Excess
- ☐ Insurance
- ☒ Plan Totals and Projection
 - ☒ Allocate Cont/Frf to Fur
 - ☒ Vested Amounts
 - ☒ Projected Balances

Calculation Option

- ☐ Complete Calculation
- ☐ Partial Calculation
- ☒ Selected Calculations
- ☐ Vesting Calculations

Partial Calculation

Start Partial Calculation at:

- ☒ Eligibility
- ☒ Limit Compensation
- ☒ Social Security
- ☒ Allocations
- ☒ Insurance
- ☒ Plan Totals & Projections

☐ Eligibility Only

Vesting Calculations

- ☐ Vested Percents
- ☐ Vested Amounts

☐ Calc vest for prior years' term

Data Checks

Plan

Employee

Contribution by Location

Projected Balances - BOND, JAMES 2

Balance	Projections
DEFERRAL	13947.03
Source #2	
MATCHING	776.89
Source #4	
ROLLOVER	
Source #6	
Source #7	
Source #8	
Source #9	
Source #10	

Other Sources

Rate

Annuity Rate 105.086

Floor/Offset

	Balance	Benefit
No future contrib		
Level future contrib		
Salary scale contrib		

Lifetime Income

Life only APR 200.096

100% J&S Rate 243.324

OK Cancel

*Statements calculate on the fly, using APRs from these fields. If you input the APR manually, do not run calculations again before printing the Lifetime Income Attachments.

ASC – DC/401k Enhancements

Lifetime Income

Table Maintenance - Functions
Calc Annuity Rates:

Age – 67

Interest – 1.5%

Life APR- 200.096

The screenshot shows the TBLMAINT software interface. On the left is a tree view with categories: Insurance, Defined Benefit, Defined Contribution, and Functions. The 'Functions' category is expanded, showing 'Calc Annuity Rates' selected. The main window is titled 'Calculate Annuity Rates' and contains several input fields and buttons. The 'Standard Data' section has 'Primary Mortality' set to 'RP21C U', 'Contingent Mortality' as an empty dropdown, and 'Interest Rate' set to '1.5'. The 'Options' section has 'Period Certain', 'Percent to Survivor', 'COLA', 'Initial Benefit', and 'Maximum Benefit' as empty input fields. The 'Ages' section has a checkbox for 'Print table of annuity rate' and a table for 'Retirement Age' (67 years), 'Primary Ending Age', 'Contingent Age', and 'Contingent Ending Age'. The 'Age Calculator' section has 'Birth Date' and 'Benefit Date' as empty input fields, and a 'Calculate Age' button. The 'Function' section has a 'Calculate APR' button. At the bottom, there are 'Close' and 'Help' buttons. The result '200.095954493027' is displayed in a text box.

Ages			
	Years	Mos.	Days
Retirement Age	67		
Primary Ending Age			
Contingent Age			
Contingent Ending Age			

Life only APR: 200.096

100% J&S Rate: 243.324

ASC – DC/401k Enhancements

Lifetime Income

Table Maintenance - Functions
Calc Annuity Rates:

Age – 67

Interest – 1.5%

J&S APR- 243.324

Lifetime Income

Life only APR **200.096**

100% J&S Rate **243.324**

The screenshot shows the TBLMAINT software interface. The 'Calculate Annuity Rates' window is active, displaying various input fields and a calculation result. The 'Standard Data' section includes 'Primary Mortality' and 'Contingent Mortality' both set to 'RP21C U', and 'Interest Rate' set to '1.5'. The 'Options' section includes 'Period Certain', 'Percent to Survivor' (100), 'COLA', 'Initial Benefit', and 'Maximum Benefit'. The 'Ages' section includes a checkbox for 'Print table of annuity rate' and a table for 'Retirement Age', 'Primary Ending Age', 'Contingent Age', and 'Contingent Ending Age'. The 'Age Calculator' section includes 'Birth Date', 'Benefit Date', and 'Calculate Age' buttons. The 'Function' section includes a 'Calculate APR' button and a display field showing the result '243.323689118022'. The 'View' pane on the left shows a tree structure of functions, with 'Calc Annuity Rates' selected under the 'Functions' category.

	Years	Mos.	Days
Retirement Age	67		
Primary Ending Age			
Contingent Age	67		
Contingent Ending Age			

Calculate APR

243.323689118022

ASC – DC/401k Enhancements

PRINT EE STATEMENTS WITH LIFETIME INCOME ATTACHMENT

Universal Employee Statements

Sections to Print

Social Security Number

☐ Yes

☒ Mask

☐ No

☐ EENumber

☒ Dates (DOB/DOH/DOP/DOT)

☐ Deferral Percentages

☒ Investment Selections

☒ Vesting Percentage

☒ Vested Balances

☐ Participant Address

☐ Disclaimer

☐ Shares

Beginning Balance

☒ Beginning of Year

☐ Beginning of Period

Dates to Print

☒ Birth

☒ Hire

☒ Participation

☒ Termination

Participant Order

☐ Employee Number

☐ Employee Name

☐ Social Security No.

☒ Sorted

Print Options

☒ Individual Participants

☒ Terminated Participants

☐ Participants with no Values

☒ Merge Identical Funds

☐ Separate Print File for each EE

☒ Lifetime Income Attachment

☐ Fee Disclosure

Fee Disclaimer Setup..

Disclaimer Setup... Location Setup... Printer Setup... OK Cancel Help

June 2021 Release
401(k) PLAN

STATEMENT OF BENEFITS

Plan Period 01/01/2021 Through 12/31/2021

JAMES BOND
SSN:

Date of Birth: 03/16/1962
Date of Hire: 05/01/2006
Date of Participation: 08/01/1998

	Beginning Balance	Contributions	Forfeitures	Earnings	Expenses / Distributions	Transfers Between Investments	Ending Balance	Vested Balance
Employee Deferral(100% Vested)								
0% JOHN HANCOCK	9,492.11	0.00	0.00	0.00	0.00	0.00	9,492.11	9,492.11
Employer Discretionary(100% Vested)								
0% JOHN HANCOCK	25,000.00	0.00	0.00	0.00	0.00	0.00	25,000.00	0.00
Employer Matching(100% Vested)								
0% JOHN HANCOCK	528.74	0.00	0.00	0.00	0.00	0.00	528.74	528.74
Total	35,020.85	0.00	0.00	0.00	0.00	0.00	35,020.85	10,020.85

Summary of Portfolio

Investment Description	Ending Balance
JOHN HANCOCK	35,020.85
Total	35,020.85

ASC – DC/401k Enhancements

Lifetime Income Attachment Page 1

Annuity for Life sample:

Age – 67

Interest – 1.5%

Life APR- 200.096

J&S APR – 243.324

Account Balance – 35020.85

Monthly Life payment is
 $35020.85 / 200.096 = 175.02$

Monthly Joint payment is
 $35020.85 / 243.324 = 143.93$

June 2021 Release 401(k) PLAN

Statement Period: January 1, 2021 to December 31, 2021

JAMES BOND

This statement provides you with information about how much monthly income you could collect at retirement based on your current account balance. The estimated monthly payments in this statement are for illustrative purposes only; they are not a guarantee. Having this information now may help you plan how much money to save for retirement.

Your account balance is \$35,020.85 as of December 31, 2021. Below are estimates of how much money you could receive each month if you were to receive payments in one of the following two payment forms:

1. A single life annuity is an arrangement that pays you a fixed amount of money each month for the rest of your life. Following your death, no further payments would be made to your spouse or heirs.

If you receive payments in this form, we estimate you would receive \$175.02 per month starting at retirement.

2. A qualified joint and 100% survivor annuity is an arrangement that pays you and your spouse a fixed monthly payment for the rest of your joint lives. In addition, after your death, this type of annuity would continue to provide the same fixed monthly payment to your surviving spouse for their life.

If you receive payments in this form, we estimate you would receive \$143.93 per month starting at retirement and, after your death, your surviving spouse would receive \$143.93 per month.

An annuity with a lower survivor percentage may be available, and reducing the survivor percentage (below 100%) would increase monthly payments during your lifetime, but would decrease what your surviving spouse would receive after your death.

The following information is to help you understand these estimated monthly payments.

- The estimated monthly payments in this statement assume that your account balance is 100% and, if you have taken a loan from the plan and you are not in default, the loan has been fully repaid.
- The estimated monthly payments in this statement assume that payments begin December 31, 2021 and that you are 67 on this date. Monthly payments beginning at a younger age would be lower than shown since payments would be made over more years. Monthly payments beginning at an older age would be higher than shown since they would be made over fewer years.
- The estimated monthly payments for a qualified joint and 100% survivor annuity in this statement assume that you are married with a spouse who is the same age as you (even if you do not currently have a spouse, or if you have a spouse who is a different age). If your spouse is younger, monthly payments would be lower than shown since they would be expected to be paid over more years. If your spouse is older, monthly payments

ASC – DC/401k Enhancements

Lifetime Income Attachment Page 2

June 2021 Release 401(k) PLAN

Statement Period: January 1, 2021 to December 31, 2021

JAMES BOND

would be higher than shown since they would be expected to be paid over fewer years.

- The estimated monthly payments in this statement are based on an interest rate of 1.50%, which is the 10-year constant maturity U.S. Treasury securities yield rate as of December 1, 2021, as required by federal regulations. This rate fluctuates based on market conditions. The lower the interest rate, the smaller your monthly payment will be, and the higher the interest rate, the larger your monthly payment will be.
- The estimated monthly payments in this statement are based on how long you and a spouse, who is assumed to be your age, are expected to live. For this purpose, federal regulations require that your life expectancy be estimated using gender neutral mortality assumptions established by the Internal Revenue Service.
- The estimated monthly payments in this statement are the same whether you are male or female. This is required for annuities payable from an employer's plan. However, the same amount paid for an annuity available outside of an employer's plan may provide a larger monthly payment for males than for females since females are expected to live longer.
- The estimated monthly payments in this statement are based on prevailing market conditions and other assumptions required under federal regulations. If you decide to purchase an annuity, the actual payments you receive will depend on a number of factors and may vary substantially from the estimated monthly payments in this statement. For example, your actual age at retirement, your actual account balance (reflecting future investment gains and losses, contributions, distributions, and fees), and the market conditions at the time of purchase will affect your actual payment amounts.
- Unlike Social Security payments, the estimated monthly payments in this statement do not increase each year with a cost-of-living adjustment. Therefore, as prices increase over time, the fixed monthly payments will buy fewer goods and services.

ASC – DC/401k Enhancements

SUMMARY

Participant Statements “Lifetime Income Attachment”

1. Check the Plan Specs for the Lifetime Options
 - a) Interest
 - b) Mortality Table
2. Run Projected Calcs to populate the APR's
3. Print the Participant Statement from Reports-Employee Statements – check box for the Lifetime Income Attachment

ASC – Compliance Enhancements

The *Common Employees* report found under *ASC menu - Compliance – Common Employees* will now identify the common employees for multiple employee locations – *Mult. EE Locations* – ‘Yes’.

The report will only be available through “*Create extract file*” option. Therefore, the “*Print report*” option along with *Printer Setup* and *Location Setup* options will be disabled.

Common Employees

☐ Multiple Plans
Setup...

Disk Plan

☒ DEFERRAL
☒ EMPLOYER
☒ MATCH

☒ Combine source contributions

Social Security Number
☐ Yes
☒ Mask
☐ No
☐ EENumber

Printer Setup...

Location Setup...

☐ Print HCEs only
☐ Print report
☒ Create extract file

☐ Selected Locations Consecutively

Compensations to Include

- ☐ 1 HCE
- ☐ 2 ADP/ACP
- ☐ 3 Top Heavy
- ☐ 4 401(a)(4)
- ☐ 5 415
- ☐ 6 414(s)
- ☐ 7 EE Deferral
- ☐ 8 ER Match
- ☐ 9 ER Profit Sharing
- ☐ A EE Post-Tax Contributions
- ☒ B Current

OK Cancel Help

ASC – Compliance Enhancements

The **Safe Harbor Plan Type** label has been updated to Safe Harbor Only Plan (*Plan Specs – General – Definitions – BENLIMIT screen*).

Match Verification Earnings Calculation for Ineligible Employees

Match Verification report (*ASC menu – Compliance – Match Verification*) has been updated to allow the system to calculate earnings on overpayments for ineligible employees. Previously the system did not calculate earnings on ineligible employees.

ADP/ACP Report Borrowing Disclaimer

A disclaimer has been added to the Borrowing page of the ADP/ACP test (*ASC menu – Compliance – ADP/ACP*) to provide additional information when borrowing occurs after corrective action has been taken. For example: When an ADP test initially fails and requires corrective action, if it is then put in a passing state after the corrective action, the borrowing page might reflect a “Pass” for the ADP Test and then subsequent borrowing from ADP to ACP. A statement of “*ADP “Pass” results are based on the re-calculated results after the corrective action described in the Details of Test Corrections below.*” has been added to lessen confusion where the borrowing page says “Pass” but there are still corrective distributions or contributions required.

ASC – Compliance Enhancements

Allocation Export

A new Allocation Export has been added to *ASC menu – Utilities – Export – Allocations*. The export is in Excel format and displays the details of any allocations calculated including employee data, eligibility, and contribution formulas. The export can have up to 9 separate tabs for each applicable allocation source – All Contributions, PS, TH, Company Match, SH Match, MPP, SHNE, Company Match True Up, and SH Match True Up. Codes will be used from Plan Specs – CORPORAT – User Text 1 and User Text 2 (USRTEXT1/USRTEXT2) to determine which tabs are displayed.

Tab	Code in both USRTEXT1 and USRTEXT 2	Special Conditions
All Contributions		Will always display
PS	H	
TH		Will display if plan is coded as Top Heavy in Plan Specs – TOPHYEAR for the current plan year
Company Match	F	
SH Match	G	
MPP	L	
SHNE	I	Must have Pct of Pay coded in SHNE Source (Source Type 5 – Safe Harbor ER/QNEC)
Company Match True Up*	E	Must have Match formula coded in Source 3
SH Match True Up*	E	Must have Match table coded in SH Source (Source Type “6 – Safe Harbor Match”)

ASC – Compliance Enhancements

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1																	
2	ASC June 2021 Release Webcast			12/31/2021													
3	Summary of Contributions																
4																	
5	SSN	Name	Employee Status	Date of Birth	Date of Hire	Date of Termination	Hours	Deferred	PS Contrib	SH Nonele	Company	SH Match	After Tax	PS Forf	Match For	Total	
6	xxx-xx-4710	Employ	Ineligible	2/4/1997	#####		2250	0	0	0	0	0	0	0	0	0	
7	xxx-xx-1101	Employ	Active	5/29/1965	1/1/2017		2250	25,000.00	13,824.97	8,550.00	11,400.00	0	0	0	0	58,774.97	
8	xxx-xx-2202	Employ	Active	4/14/1984	1/1/2017		2250	4,515.00	1,444.03	1,354.62	1,806.16	0	0	0	0	9,119.81	
9	xxx-xx-3303	Employ	Active	6/7/1968	1/1/2017		2250	4,654.00	1,599.00	1,500.00	2,000.00	0	0	0	0	9,753.00	
10	xxx-xx-4404	Employ	Active	4/30/1970	1/1/2017		2250	6,542.00	2,091.97	1,962.45	2,616.60	0	0	0	0	13,213.02	
11	xxx-xx-5505	Employ	Active	8/2/1981	1/1/2017		2250	3,512.00	1,123.27	1,053.72	1,404.96	0	0	0	0	7,093.95	
12	xxx-xx-6606	Employ	Active	9/10/1990	1/1/2017		2250	9,874.00	3,157.86	2,962.35	3,949.80	0	0	0	0	19,944.01	
13	xxx-xx-7707	Employ	Active	10/15/1995	1/1/2017		2250	6,548.00	959.4	900	1,200.00	0	0	0	0	9,607.40	
14	xxx-xx-8808	Employ	Active	11/18/1997	1/1/2017		2250	6,874.00	799.5	750	1,000.00	0	0	0	0	9,423.50	
15	xxx-xx-9909	Employ	Active	3/7/1990	4/1/2020		2250	650	0	0	650	0	0	0	0	1,300.00	
16																	
17	SSN	Name	Employee Status	Date of Birth	Date of Hire	Date of Termination	Hours	415 Compens	Match Compens	Deferred	Match Per	Match All	Match For	Eligible for Match Allocation			
18	xxx-xx-4710	Employ	Ineligible	2/4/1997	6/30/2020		2250	25,000.00	25,000.00	0	0	0	0	Ineligible - Service			
19	xxx-xx-1101	Employ	Active	5/29/1965	1/1/2017		2250	500,020.00	285,000.00	25,000.00	4	11,400.00	0	Eligible			
20	xxx-xx-2202	Employ	Active	4/14/1984	1/1/2017		2250	45,154.00	45,154.00	4,515.00	4	1,806.16	0	Eligible			
21	xxx-xx-3303	Employ	Active	6/7/1968	1/1/2017		2250	50,000.00	50,000.00	4,654.00	4	2,000.00	0	Eligible			
22	xxx-xx-4404	Employ	Active	4/30/1970	1/1/2017		2250	65,415.00	65,415.00	6,542.00	4	2,616.60	0	Eligible			
23	xxx-xx-5505	Employ	Active	8/2/1981	1/1/2017		2250	35,124.00	35,124.00	3,512.00	4	1,404.96	0	Eligible			
24	xxx-xx-6606	Employ	Active	9/10/1990	1/1/2017		2250	98,745.00	98,745.00	9,874.00	4	3,949.80	0	Eligible			
25	xxx-xx-7707	Employ	Active	10/15/1995	1/1/2017		2250	30,000.00	30,000.00	6,548.00	4	1,200.00	0	Eligible			
26	xxx-xx-8808	Employ	Active	11/18/1997	1/1/2017		2250	25,000.00	25,000.00	6,874.00	4	1,000.00	0	Eligible			
27	xxx-xx-9909	Employ	Ineligible	3/7/1990	4/1/2020		2250	48,000.00	32,000.00	650	0	0	0	Ineligible - Service			
28																	
29																	
30																	

All Contributions

PS

SHNE

Company Match

+



Defined Benefit Enhancements

ASC – Defined Benefit Enhancements

- **Table Maintenance Updates**
- **Programming for American Rescue Plan Act of 2021**
 - Extended Amortization
 - Minimum Funding Segment Rate Relief
- **DC Cash Balance Proposal for One Participant Plans**
 - Budget Calculations
 - Analysis and Reporting
- **Additional Programming Highlights**

ASC – Defined Benefit Enhancements

- **Table Maintenance Updates**

- IRS Mortality Tables Available on the Client Support Center for download
 - 2021 IRS Mortality Tables
 - PPA2021Mortality.zip
 - 2022 IRS Mortality Tables
 - PPA2021Mortality.zip
 - Future tables typically available within a week of publication
 - Download instructions
 - PPA Mortality Table Instructions.pdf

The screenshot displays the 'Client Support Center' interface. At the top, there's a navigation bar with the ASC logo, 'Client Support Center' text, a search bar for 'Search ASC FAQs', and user options like 'client' and 'LOG OFF'. Below this is a secondary navigation bar with links: HOME, REQUEST SUPPORT, **UPDATES & DOWNLOADS**, DOCUMENTS, SYSTEM TRAINING, FAQs, BILLING, and ADMIN. The main content area is titled 'Updates & Downloads' and prompts the user to 'Select files to download:'. A dropdown menu is set to 'Tables'. A list of files follows, each with a checkbox, filename, and timestamp. The files are: 'PPA Mortality Tables Import Instructions.pdf' (checked, 12/21/2020 12:17:55 PM), 'PPA2008Mortality.zip' (unchecked, 11/1/2017 4:49:07 PM), 'PPA2009to13Mortality.zip' (unchecked, 11/1/2017 4:51:42 PM), 'PPA2014&2015&SOA2014MORTALITY.zip' (unchecked, 8/4/2016 3:06:15 PM), 'PPA2016MORTALITY.zip' (unchecked, 8/3/2016 1:49:31 PM), 'PPA2017Mortality.zip' (unchecked, 1/24/2017 11:29:26 AM), 'PPA2018Mortality.zip' (unchecked, 10/6/2017 10:43:40 AM), 'PPA2018ProposedRule.zip' (unchecked, 11/1/2017 4:56:34 PM), 'PPA2019MORTALITY.zip' (unchecked, 12/18/2017 5:12:18 PM), 'PPA2020MORTALITY.zip' (unchecked, 3/27/2019 9:29:04 AM), 'PPA2021MORTALITY.zip' (checked, 12/11/2019 5:09:08 PM), and 'PPA2022MORTALITY.zip' (checked, 12/21/2020 12:18:11 PM). To the right of the file list is a user profile box with fields for Name (Jane Smith), Company Name (Client), Email (client@client.com), and Phone Number (123-456-7890).

Client Support Center \ Updates & Downloads \ Tables

ASC – Defined Benefit Enhancements

- **Table Maintenance Updates**

- Segment Rates Available on the June Release

- Funding rates through April 2021
 - Both BBA 2015 and ARP 2021 rates
 - ARP 2021 rates include those for plan years beginning in 2020
- 417(e)(3) segment rates through March 2021
- Rates loaded automatically with June Release
- Future rates typically included with Patch files after publication of rates

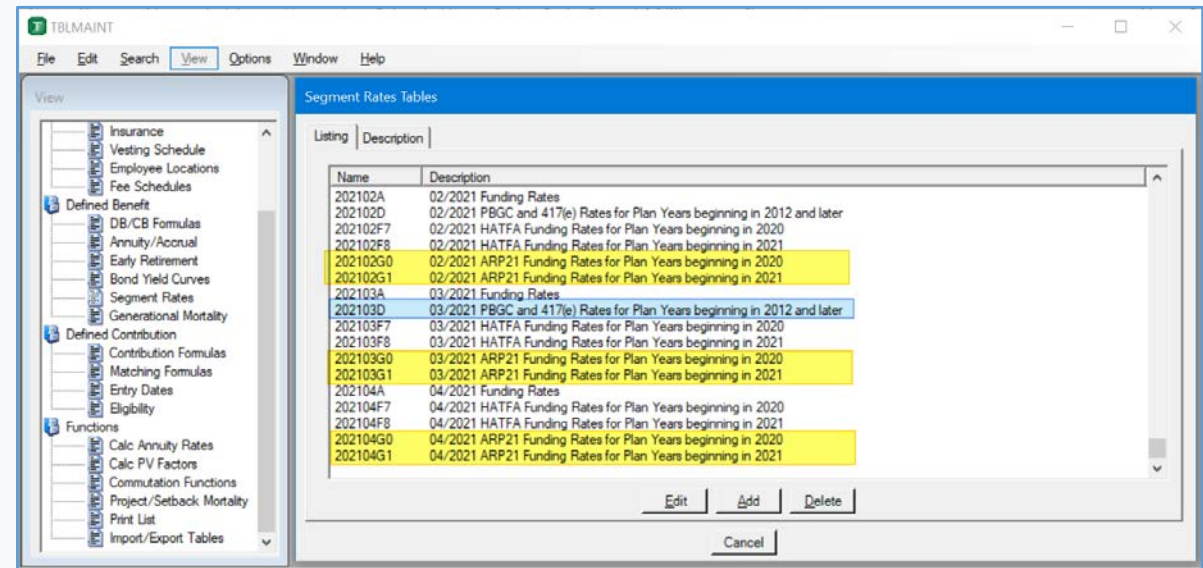
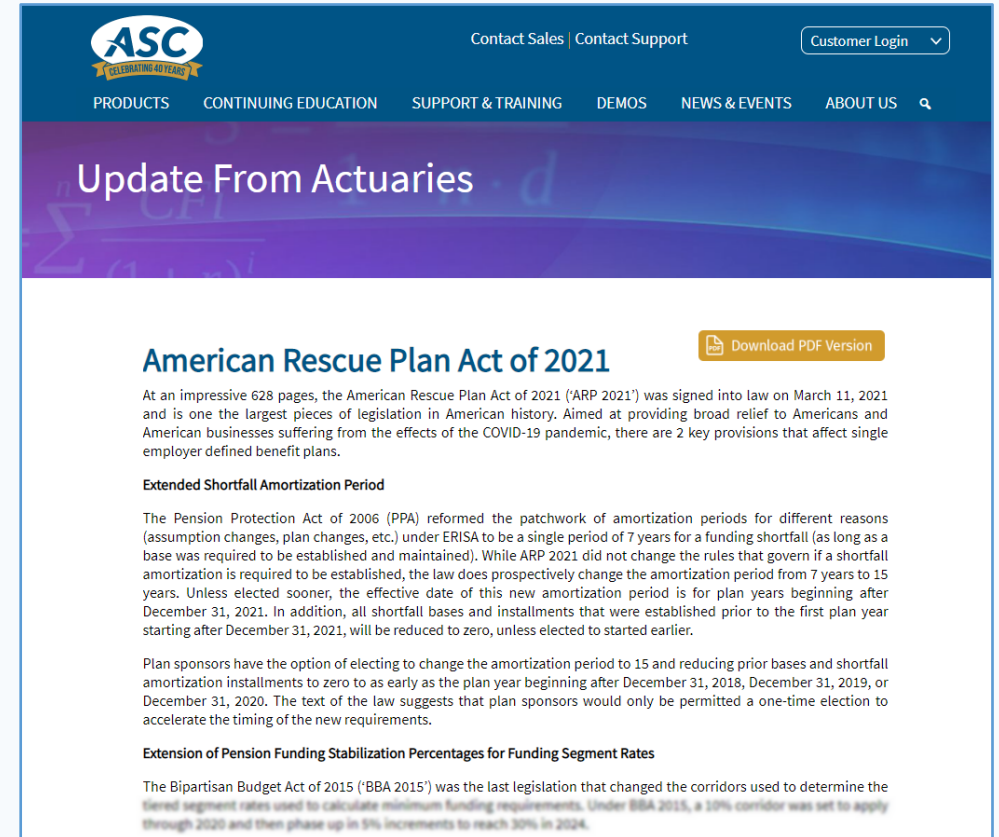


Table Maintenance > Defined Benefit \ Segment Rates

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**

- ARP 2021 passed March 11, 2021 with 2 significant pension law changes for single employer DB plans
 - Extended Amortization
 - Minimum Funding Segment Rate Relief
- Detailed analysis included in our [Update from Actuaries: American Rescue Plan Act of 2021](#) article



The screenshot shows the ASC website header with the logo and navigation links: PRODUCTS, CONTINUING EDUCATION, SUPPORT & TRAINING, DEMOS, NEWS & EVENTS, ABOUT US, and a search icon. There are also links for 'Contact Sales', 'Contact Support', and a 'Customer Login' dropdown. The main content area is titled 'Update From Actuaries' and features a section for the 'American Rescue Plan Act of 2021' with a 'Download PDF Version' button. The text describes the Act's impact on pension law, specifically mentioning the extended amortization period and the extension of pension funding stabilization percentages for funding segment rates.

American Rescue Plan Act of 2021 [Download PDF Version](#)

At an impressive 628 pages, the American Rescue Plan Act of 2021 ('ARP 2021') was signed into law on March 11, 2021 and is one of the largest pieces of legislation in American history. Aimed at providing broad relief to Americans and American businesses suffering from the effects of the COVID-19 pandemic, there are 2 key provisions that affect single employer defined benefit plans.

Extended Shortfall Amortization Period

The Pension Protection Act of 2006 (PPA) reformed the patchwork of amortization periods for different reasons (assumption changes, plan changes, etc.) under ERISA to be a single period of 7 years for a funding shortfall (as long as a base was required to be established and maintained). While ARP 2021 did not change the rules that govern if a shortfall amortization is required to be established, the law does prospectively change the amortization period from 7 years to 15 years. Unless elected sooner, the effective date of this new amortization period is for plan years beginning after December 31, 2021. In addition, all shortfall bases and installments that were established prior to the first plan year starting after December 31, 2021, will be reduced to zero, unless elected to start earlier.

Plan sponsors have the option of electing to change the amortization period to 15 and reducing prior bases and shortfall amortization installments to zero to as early as the plan year beginning after December 31, 2018, December 31, 2019, or December 31, 2020. The text of the law suggests that plan sponsors would only be permitted a one-time election to accelerate the timing of the new requirements.

Extension of Pension Funding Stabilization Percentages for Funding Segment Rates

The Bipartisan Budget Act of 2015 ('BBA 2015') was the last legislation that changed the corridors used to determine the tiered segment rates used to calculate minimum funding requirements. Under BBA 2015, a 10% corridor was set to apply through 2020 and then phase up in 5% increments to reach 30% in 2024.

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - Extended Amortization
 - Plan years starting after 12/31/2021:
 - All previous shortfall amortization payments (SAPs) set to zero
 - New SAPs calculated using 15-year amortization period
 - Plan Sponsor option to adopt changes early
 - Plan years beginning after 12/31/2018

ASC – Defined Benefit Enhancements

- Programming for American Rescue Plan Act of 2021
 - Extended Amortization Plan Specification Changes to Values \ VALPPA screen
 - Added storage for up to 15 years of SAPs
 - Added ARP21 Relief 1st Val Date input field to reflect early adoption of Extended Amortization period
 - Will accept dates from 1/1/2019 to 12/31/2022
 - Funding Relief button renamed to PRA 2010 Funding Relief for plans using old relief rules
 - Shortfall related fields moved from Costs \ BASIS screen to Values \ VALPPA screen
 - Shortfall Balance for Minimum
 - Shortfall Payment for Minimum

PLANSPC - D21:0055

File Edit Search View Options Window Help

View

Specifications

- General
- Funding
- Assumptions
- Costs
- Values
 - CONTRBLY
 - BASISLY
 - HISTORY
 - COMP
 - PROJBENF
 - ACCRBENF
 - VLPREPPA
 - VALPPA
 - VALFASB
 - VALINSUR
 - VALUES
 - LIABLY
 - COSTS
 - EXPVAL
- Locations

Values for PPA

PPA

Actual Rate of Return	12.00	AFTAP
Current year FTAP	100.00	100.00
Last year FTAP	93.11	93.11
Two years ago FTAP	82.30	82.30
2008 Fund %-AVA/FT		
2009 Fund %-AVA/FT		
Prior funded percent for 430(f)(3)	93.11	
Shortfall Balance for Minimum	775,752.00	
Shortfall Payment for Minimum	124,409.53	

PRA 2010 Funding Relief

PPA Calcs

Date Effective Interest Rate Calc'd 06/01/2021

Effective Interest Rate 5.94

Prior Effective Interest Rate 4.79

Amortization Payments

ARP21 Relief 1st Val Date

Current	124,409.53	1 yr ago	-72,731.00
2 yrs ago	51,265.00	3 yrs ago	21,466.00
4 yrs ago		5 yrs ago	
6 yrs ago		7 yrs ago	
8 yrs ago		9 yrs ago	
10 yrs ago		11 yrs ago	
12 yrs ago		13 yrs ago	
14 yrs ago		Final	

OK Cancel

Values \ VALPPA screen

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - REMINDER: You must run Calculation > Valuation to activate calculation of current Amortization Payment using either 7-year or 15-year amortization payment
 - Extended Amortization Calculation Changes
 - If ARP21 Relief 1st Val Date entered is prior to plan year beginning before 1/1/2022 or for the first year beginning after 12/31/2021 with no ARP21 Relief 1st Val Date entered, calculations will
 - Remove prior SAPs
 - Calculate Current SAP, if applicable, using 15-year period

PLANSPC - D21:0055

File Edit Search View Options Window Help

View

Specifications

- General
- Funding
- Assumptions
- Costs
- Values
 - CONTRBLY
 - BASISLY
 - HISTORY
 - COMP
 - PROJBENF
 - ACCRBENF
 - VLPREPPA
 - VALPPA
 - VALFASB
 - VALINSUR
 - VALUES
 - LIABLTY
 - COSTS
 - EXPVAL
- Locations

Values for PPA

PPA

Actual Rate of Return	12.00	AFTAP
Current year FTAP	100.00	100.00
Last year FTAP	93.11	93.11
Two years ago FTAP	82.30	82.30
2008 Fund %-AVA/FT		
2009 Fund %-AVA/FT		
Prior funded percent for 430(f)(3)	93.11	
Shortfall Balance for Minimum	775,752.00	
Shortfall Payment for Minimum	124,409.53	

PRA 2010 Funding Relief

PPA Calcs

Date Effective Interest Rate Calc'd 06/01/2021

Effective Interest Rate 5.94

Prior Effective Interest Rate 4.79

Amortization Payments

ARP21 Relief 1st Val Date

Current	124,409.53	1 yr ago	-72,731.00
2 yrs ago	51,265.00	3 yrs ago	21,466.00
4 yrs ago		5 yrs ago	
6 yrs ago		7 yrs ago	
8 yrs ago		9 yrs ago	
10 yrs ago		11 yrs ago	
12 yrs ago		13 yrs ago	
14 yrs ago		Final	

OK Cancel

Values | VALPPA screen

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**

- Calculation > Valuation results based on Valuation Date combined with ARP21 Relief 1st Valuation Date input

	ARP21 Relief 1 st Valuation Date in 2019	ARP21 Relief 1 st Valuation Date in 2020	ARP21 Relief 1 st Valuation Date in 2021	ARP21 Relief 1 st Valuation left blank
Valuation Date in 2019	<ul style="list-style-type: none"> • Old Bases Set to Zero • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Maintained • 7 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Maintained • 7 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Maintained • 7 year period used for new Current Base
Valuation Date in 2020	<ul style="list-style-type: none"> • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Set to Zero • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Maintained • 7 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Maintained • 7 year period used for new Current Base
Valuation Date in 2021	<ul style="list-style-type: none"> • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Set to Zero • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Maintained • 7 year period used for new Current Base
Valuation date in 2022	<ul style="list-style-type: none"> • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • 15 year period used for new Current Base 	<ul style="list-style-type: none"> • Old Bases Set to Zero • 15 year period used for new Current Base

- *Assumes calendar year plan years*
- *Chart assumes that the valuation date in a given year is the same as the valuation date entered in the ARP21 1st Val Date for plan sponsors electing early*
- *Old Bases Set to Zero occurs ONLY in the year where ARP21 Relief 1st Val Date matches the plan's valuation date. Old Bases are not set to Zero retroactively.*

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - Extended Amortization PPA Reporting Changes
 - Actuarial Certification will reflect American Rescue Plan Act of 2021 when 15-year SAP method is in effect
 - Shortfall Amortization report will reference use of 15-year amortization period and in the first year in effect, that prior SAPs were eliminated
 - Short Plan Year Bases, if applicable, will also reference use of 15-year amortization period
 - All other reports that rely on the updated SAP calculations will update accordingly

Sample Pension Plan American Rescue Plan Act of 2021

Shortfall Amortization
Plan Year: 9/1/2020 to 8/31/2021
Valuation Date: 9/1/2020

If the plan has a funded status below 100%, the plan may require additional payments in the form of shortfall amortization payments. A plan's amortization payments are calculated to pay down the plan's underfunding over a fifteen year period. Shortfall amortization payments, if any, for all plan years preceding the first plan year beginning after 12/31/2019 were reduced to zero.

<u>Valuation Date</u>	<u>Amortization Method</u>	<u>Number of Future Installments</u>	<u>Installment</u>	<u>Value of Future Installments</u>
09/01/2020	15-year	15	<u>\$9,098</u>	<u>\$96,909</u>
Total			\$9,098	\$96,909
Shortfall Amortization Charge (sum of installments, no less than zero):			\$9,098	

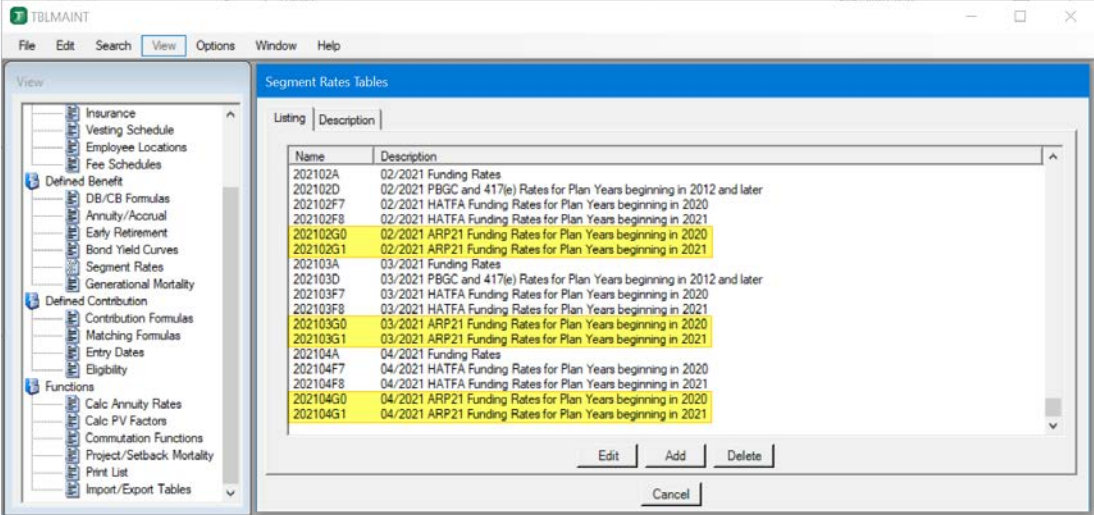
Reports > Valuation > PPA DB... \ Shortfall Amortization

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - Minimum Funding Segment Rate Relief
 - Plan years starting after 12/31/2019:
 - 5% floor on 25-year average for minimum segment rates
 - Revised corridor applies to 25-year average for minimum segment rates
 - Plan Sponsor option to postpone segment rate relief
 - May elect to use either BBA 2015 or ARP 2021 rates for plan years that begin in 2020 and 2021
 - Must use ARP 21 for plan years beginning after 12/31/2021

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - Minimum Funding Segment Rate Relief Table Maintenance Changes
 - Spring Release includes ARP 2021 segment rates for plan years that begin in 2020 and 2021 (published through April 2021)
 - Subsequent rates published will be added by patch
 - HATFA rates will phase out after December 31, 2021



Name	Description
202102A	02/2021 Funding Rates
202102D	02/2021 PBGC and 417(e) Rates for Plan Years beginning in 2012 and later
202102F7	02/2021 HATFA Funding Rates for Plan Years beginning in 2020
202102F8	02/2021 HATFA Funding Rates for Plan Years beginning in 2021
202102G0	02/2021 ARP21 Funding Rates for Plan Years beginning in 2020
202102G1	02/2021 ARP21 Funding Rates for Plan Years beginning in 2021
202103A	03/2021 Funding Rates
202103D	03/2021 PBGC and 417(e) Rates for Plan Years beginning in 2012 and later
202103F7	03/2021 HATFA Funding Rates for Plan Years beginning in 2020
202103F8	03/2021 HATFA Funding Rates for Plan Years beginning in 2021
202103G0	03/2021 ARP21 Funding Rates for Plan Years beginning in 2020
202103G1	03/2021 ARP21 Funding Rates for Plan Years beginning in 2021
202104A	04/2021 Funding Rates
202104F7	04/2021 HATFA Funding Rates for Plan Years beginning in 2020
202104F8	04/2021 HATFA Funding Rates for Plan Years beginning in 2021
202104G0	04/2021 ARP21 Funding Rates for Plan Years beginning in 2020
202104G1	04/2021 ARP21 Funding Rates for Plan Years beginning in 2021

Table Maintenance > Defined Benefit \ Segment Rates

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - REMINDER: You must run Calculation > Valuation with Calculate Effective Interest rate checked if you switch to ARP 2021 segment rates from BBA 2015 rates (or vice versa) to ensure the EIR reflects the selected segment rates.
 - Minimum Funding Segment Rate Relief Plan Specification Changes to Funding \ PPAFASMP screen
 - PPA Min Segment Rate spyglass menu will allow users to select from either BBA 2015 or ARP 2021 segment rates for plan years that begin in 2020 and 2021.

The screenshot shows the 'PPAFASMP' screen in the PLANESPEC software. A spyglass menu titled 'Segment Rates - Minimum' is open, displaying a table of rates. The table has columns for 'Month/Year' and four rate values. The rows show data for 2020 and 2021, with the 2021 rates highlighted in yellow. The main screen shows various funding assumptions and tables.

Month/Year	3.32	4.79	5.47	BBA 2015
01/2021	4.75	5.36	6.11	ARP 2021
12/2020	4.75	5.36	6.11	ARP 2021
11/2020	4.75	5.36	6.11	ARP 2021
10/2020	4.75	5.36	6.11	ARP 2021
09/2020	4.75	5.36	6.11	ARP 2021

Funding \ PPAFASMP screen

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**
 - Minimum Funding Segment Rate Relief PPA Reporting Changes
 - Summary of Actuarial Assumptions Method
 - June Release prints N/A for month/year of selected rates
 - Load Patch A to have the month/year of selected rates print
 - PPA Funding Values and SB Information reports will reflect selected segment rates

Sample Pension Plan American Rescue Plan Act of 2021				
Summary of Actuarial Assumptions and Method Plan Year: 9/1/2020 to 8/31/2021 Valuation Date: 9/1/2020				
		For Funding		
		<u>Min</u>	<u>Max</u>	
Interest Rates	Seg 1:	4.75%	2.62%	Seg 1: 1.08%
	Seg 2:	5.50%	3.66%	Seg 2: 2.78%
	Seg 3:	6.27%	4.14%	Seg 3: 3.47%
Applicable Date		05/2020	05/2020	05/2020
				<u>For Actuarial Equiv.</u>
				Pre-Retirement: 5.00%
				Post-Retirement: 5.00%

Reports > Valuation > PPA DB... \ Summary of Actuarial Assumptions

ASC – Defined Benefit Enhancements

- **Programming for American Rescue Plan Act of 2021**

- Additional ASC System Enhancements

- Pension*Pal* Integration

- ARP 21 Project is available to reflect plan sponsor elections

ARP21 Operational Checklist

Administrator: Administrator
Document Vendor: ASC DGEM
Plan Year End: 12/31

ARP21 Election

ARP21 Election Options Sent: ARP21 Election Status:

ARP21 Election Received: ARP21 Election Docs:

ARP21 Election Signed By: ARP21 Election Signed:

ARP21 Election Notes:

15 Year Amortization

Selected Amort Early Election Effective Date: If Early Amortization Election Effective Date is No, Election Start is Plan Year beginning after December 31, 2021.

Election Start:

Amortization Election Notes:

Segment Rates

Opt Out of ARP21 Segment Rates:

ARP21 Segment Rates Opt Out Notes:

ARP21 Interim Amendment

ARP21 Amendment Sent: ARP21 Amend Signature Required:

ARP21 Amendment Notes:

ASC – Defined Benefit Enhancements

- **DC Cash Balance Proposal for One Participant Plan**
 - Case Preparation
 - New EOY valuation Cash Balance plan paired with a new DC plan
 - EOY valuation funding segment rates may not be published when you are preparing proposals
 - Use a reasonable best estimate of segment rates
 - One participant plan with same value in SSN field
 - Assign solo participant a Principal code of Y in the DC plan and Principal code of 1 in the CB plan
 - Enter deferral amount (optional)

The screenshot shows the 'Plan Identification' window for a DC plan. The 'Name' field is 'DC/CB Owner Only Proposal - DC' and the '2021 June Release Webcast' field is empty. The 'Memo' field is empty. The 'Client No.' is '12/31/2021' and the 'ERN' is 'No'. The 'Plan Dates' section shows 'Plan Year Begin' as '01/01/2021', 'Plan Effective' as '01/01/2021', 'Valuation Date' as '12/31/2021', and 'Valuation Frequency' as '1 - Year End'. The 'Corporation Dates' section shows 'Incorporation Date' as empty, 'Corporation Year End' as empty, and 'Status' as 'Y - Incorporated'. The 'Other Dates' section shows 'Exclude Service' as empty and 'Insurance Issue Date' as empty. The 'Plan Year End History' section shows 'PYE Hist 1', 'PYE Hist 2', and 'PYE Hist 3' as empty. The 'OK' and 'Cancel' buttons are at the bottom right.

DC: Plan Specifications

The screenshot shows the 'Plan Identification' window for a DB plan. The 'Name' field is 'DC/CB Owner Only Proposal - CB' and the '2021 June Release Webcast' field is empty. The 'Memo' field is empty. The 'Client No.' is '12/31/2021'. The 'Plan Dates' section shows 'Plan Year Begin' as '01/01/2021', 'End' as '12/31/2021', and 'Effective' as '01/01/2021'. The 'Other Dates' section shows 'Exclude Service' as empty, 'Exclude Accrual Svc' as empty, 'Non-PlanYr Comp. Date' as empty, and 'Insurance Issue Date' as '12/31/2021'. The 'Corporation Dates' section shows 'Incorporation Date' as empty, 'Corporation Year End' as empty, and 'Status' as 'Y - Incorporated'. The 'Covered by PBGC' field is 'No'. The 'Plan Year End History' section shows 'PYE Hist 1', 'PYE Hist 2', and 'PYE Hist 3' as empty. The 'OK' and 'Cancel' buttons are at the bottom right.

DB: Plan Specifications

ASC – Defined Benefit Enhancements

- **DC Cash Balance Proposal for One Participant Plan**

- **Budget Calculations**

- Available from the DC: Calculations > Budget > DC/CB Combo Budget
- Calculate Eligibility – if not already done in both plans
- Input Budget Amount
 - Leave blank to target maximum deductible contribution
 - Input amount to target a specific total budget for the combined CB/DC plans
 - Select option to include deferral in the budget calculation
- Solving Options is reserved for future enhancements

DC/CB Combo Budget

Multiple Plan Setup

Setup...

Disk Plan
D17 0042

DC/CB Owner Only Proposal - CB

Match Employees

Employee Name
Employee SSN

Valuation Options

☒ Calculate Eligibility

Budget

Budget Amount 250,000

☒ Budget includes deferrals

Solving Options

Step Increment Amount 100.00

☐ Step increment is percent

Increasable Group 2

Minimized Group 3

☐ Solve with reclassify

401(a)(4) Parameters...

401(a)(26) Parameters...

OK Cancel Help

DC: Calculations > Budget > DC/CB Combo Budget

ASC – Defined Benefit Enhancements

- **DC Cash Balance Proposal for One Participant Plan**
 - Analysis and Reporting
 - Review results within CB and DC plan specifications and employee records
 - Customizable proposal report
 - Available from the DC: Reports > Studies and Proposals > DC/CB Combo
 - Print to PDF
 - Export to Extract File for integration with your own customized proposal reports

The screenshot shows the 'DC/CB Combo Proposal Report' window. At the top, it has a title bar and a close button. Below the title bar, there's a section for 'Multiple Plans' with a 'Setup...' button and a 'Disk Plan' dropdown showing 'D18 0291'. The main title is 'DC/CB Owner Only Proposal - CB'. The window is divided into several sections: 'Report Sections' with a list of checkboxes (Title Page, Compliance Testing Summary, Plan Summary, Summary of Assumptions, Census, DC Plan Costs, CB Plan Costs, Combo Plan Costs, Combo Plan Budget Summary, Owner Summary) and 'Select All'/'Select None' buttons; 'Source Options' with a 'Safe Harbor Source' dropdown set to 'None' and an 'Include Forfeitures' checkbox; 'Employee Matching' with radio buttons for 'Number', 'Name', and 'SSN' (selected); 'Ownership Type' with radio buttons for 'Ownership Percent', 'HCE' (selected), 'Key', and 'Principal (Y/I)'; 'Plan Description' with a text field containing 'DC/CB Owner Only Proposal - DC' and a 'Create extract file' checkbox; and 'Report Options' with a checked 'Include Prepared By' checkbox, a 'Date Prepared' field, a 'Tax Bracket Percent' field set to '20', and buttons for 'Column Headers...', 'Group Definition...', 'Disclaimer Setup...', and 'Printer Setup...'. At the bottom right are 'OK', 'Cancel', and 'Help' buttons.

DC: Reports > Studies and Proposals > DC/CB Combo

ASC – Defined Benefit Enhancements

- **DC Cash Balance Proposal for One Participant Plan**
 - Analysis and Reporting
 - DC: Reports > Studies and Proposals > DC/CB Combo
 - Sample Combo Plan Budget Summary provides highlights of how combined plans achieve the targeted budget amount
 - In some cases, only a DC plan will be needed
 - Sample Report
 - In this sample, Budget Amount was left blank

DC/CB Owner Only Proposal For Max Benefit Combo Plan Budget Summary For Plan Year Ending December 31, 2021	
Cash Balance Funding Range	
A) Cash Balance PPA Minimum Required Contribution:	254,731
B) Cash Balance Contribution Credits:	253,700
C) Cash Balance PPA Maximum Deductible Contribution:	271,573
D) Estimated Cash Balance Cost [Greater of A and B, but no more than C]:	254,731
Combined Plan Maximum Deduction Limit	
E) Cash Balance Plan Covered by PBGC?:	No
F) Defined Contribution Limited Compensation:	290,000
G) Defined Contribution Employer Contributions:	17,400
H) Ratio of Employer Contributions to Limited Compensation [G / F]:	6.00%
I) Do DC Contributions Exceed 6% of Limited Compensation? [Is H > 6%]:	No
J) Potential Combined Plan Deduction Limit [C + 6% of F]:	288,973
<i>If CB Plan is covered by PBGC, C + 25% of F</i>	
<i>If CB Plan is not covered by PBGC, if I = Yes, then 31% of F</i>	
<i>If CB Plan is not covered by PBGC, if I = No, then C + 6% of F</i>	
<i>If DC only, then 25% of F</i>	
Budget Analysis	
K) Budget:	Targeted Maximum Contribution
L) Defined Contribution Cost:	
1) Employer Cost:	17,400
2) Employee Deferral:	26,000
M) Cash Balance Cost:	254,731
N) Total Combined Plan Cost:	298,131
Disclaimer: Total Combined Plan Cost may be less than the Combined Plan Available Deduction Limit if one or more individual's 415 limit has been reached.	

DC: Reports > Studies and Proposals > DC/CB Combo – Combo Plan Budget Summary

ASC – Defined Benefit Enhancements

- **DC Cash Balance Proposal for One Participant Plan**
 - Additional considerations
 - Review results carefully
 - You may adjust the Cash Balance formula to fit your client's goals.
 - The combo plan in ASC is meant for use for the budget proposal purposes. It may not be appropriate for valuation purposes.
 - This budget calculator is designed for one person plans only
- Stay tuned for future enhancements



ASC – Defined Benefit Enhancements

- **Additional Programming Highlights**
 - Cash Balance Plans
 - Funding Calculations and Reports
 - Compliance Testing and Reports
 - Participant Termination / Optional Forms Reports
 - Plan Maintenance

Thank you!
We ♥ our
users!

