PROCESS DOCUMENTATION AND TRAINING

ARC#6636 – REWRITE CUSTOM FINANCIAL STATEMENTS

Nam Le 2021-2022

BUSINESS CASE

HOUSE OF DOOLITTLE has a custom financial statement export program that they run after they run the standard financial statements. The export re-organizes the data and exports it to a template Excel file. They're looking to change the structure of the output slightly and have provided a new template file. Note: because the original program was written in the version 1 runtime, this new project will be written from scratch in the new .NET Runtime for GAB.

OBJECTIVES

Rewrite the original script using datatables instead of UDT's. Reformat the output to fit the structure requested in the template XLSX file.

SOLUTION

Review the existing GAB script and pre-formatted template files. Review the GSS Quote Edit Income Statement.XLS file attached to the call. This file shows the old format and the new format for both the Comparative Income Statement and the Consolidated Income Statement. The end result will be the 2 New tabs.

1. Re-write project to match 2019.1 version or higher

Rewrite project from old version in 2012 to GSS's latest versions (2019.1 or higher)

2. Rework on Income Statement 0210 and 0220

What's new:

- Add Gross Sales statement and use Gross Sales
- Gross Sales is now used as the base field to calculate %
- Add Discounts and Allowances statement
- Add Other Income/[Expense] and used in calculation of Pretax Income/[Loss]

Old Statement 0210

	A	В	С	D	E	F	G I	Н	1
1	HOUSE OF DOOLITTLE		FINAL			FINAL			2021 vs 2020
2	COMPARATIVE INCOME STATEMENT		4 MOS ENDED			4 MOS EN	DED		Increase/
3	FOR THE 4 MOS ENDED 01-31-2021 & 01-31-2020		1/31/202	21		1/31/202	20		(Decrease)
4			Amount	% Sale	s	Amount	% Sales		Amount
5									
6									
7	SALES								
3	20-400-01 Sales - Wholesalers		1,398,122.79			2,047,976.03			(649,853.2
9	20-400-02 Sales - Contract Dealers		2,303,921.04			1,746,795.13			557,125.9
0	20-400-03 Sales - Schools		8,466.39			10,924.70			(2,458.3
1	20-400-04 Sales - Dealers		286,560.22			372,682.89			(86,122.6
2	20-400-21 Sales - ASI		642,163.42			792,761.84			(150,598.4
3	20-400-23 Sales - Non-ASI Imprints		58,090.96			57,692.43			398.5
4	20-400-40 Sales - Non-HOD Product		89,321.27			25,138.77			64,182.5
5	20-400-90 Sales - Discounts		(13,958.79)			(11,422.40)			(2,536.3
6	20-7/800-52 Depts - Volume & Growth Rebates		(450,092.07)			(122,647.91)			(327,444.1
	20-7/800-59 Depts - Dated Goods Allowance		(368,527.69)			(236,735.57)			(131,792.1
8			(,)			(===,:====,			(,
9	Net Sales		3,954,067.54	100.0	%	4,683,165.91	100.0%		(729,098.3
0						.,,			
1	COST OF SALES								
	20-500-01 Beginning Inventory		2,368,316.27	59.9	%	2,262,923.54	48.3%		105,392.7
	20-500-09 Temp Labor Indirect		10,250.30	0.3		22,025.42	0.5%		(11,775.1
	20-500-10 Purchases		760,867.61	19.2	%	928,468,64	19.8%		(167,601.0
5	20-500-11 Purchase Discounts		(3,117.49)	-0.1	%	(5,537.27)	-0.1%		2.419.7
6	20-500-30 Temp Labor Direct		71,194.52	1.8	%	98,050.09	2.1%		(26,855.5
	20-500-40 Artwork & Film		7,769.90	0.2	%	11,678.59	0.2%		(3,908.6
8	20-500-90 Inv Adj [Samples/Donations]		(2,641.08)	-0.1	%	(4,783.77)	-0.1%		2,142.6
	20-500-99 Ending Inventory		(1,927,456.57)			(1,899,657.75)			(27,798.8
	20-600-01 Direct Depts - Direct Labor		165,768.01	4.2	%	204,069.05	4.4%		(38,301.0
	20-600-09 Direct Depts - Indirect Labor		94,018.83	2.4		104,378.67	2.2%		(10,359.8
	20-600-20 Direct Depts - Social Security Taxes		19,787.03	0.5		26,054.93	0.6%		(6,267.9
	20-600-21 Direct Depts - Unemployment Taxes		2,293.59	0.1		2,745.38	0.1%		(451.7
	20-600-22 Direct Depts - Group Insurance		47,420.57	1.2		38,474.12	0.8%		8,946.4
	20-600-23 Direct Depts - 401K Expense		244.02	0.0		0.00	0.0%		244.0
	20-600-25 Direct Depts - Vacation Pay		9,972.10	0.3		13,584.24	0.3%		(3,612.1
	20-600-26 Direct Depts - Holiday Pay		19,228,48	0.5		17,309.68	0.4%		1,918.8
	20-600-27 Direct Depts - Bonus Pay		0.00	0.0		8,188.00	0.2%		(8,188.0
	20-600-30 Direct Depts - Shop Expense		10,733.21	0.3		18,584.36	0.4%		(7,851.1
	20-600-31 Direct Depts - Repairs & Maint		22,691.48	0.6		33,262.22	0.7%		(10,570.7
	20-600-32 Direct Depts - Supplies		2.170.73	0.1		578.19	0.0%		1,592.5
	20-600-35 Direct Depts - Utilities		15,428.04	0.4		16,893.46	0.4%		(1,465.4
	20-600-41 Direct Depts - Travel		46.00	0.0		0.00	0.4%		46.0
	20-600-41 Direct Depts - Network/Computer Systems		10,121.12	0.0		3,641.62	0.1%		6,479.5

New Statement 0210

	A	В	С	D	Е	F	G H	1	
	HOUSE OF DOOLITTLE		FINAL			FINAL		2021 vs 2020	
2	COMPARATIVE INCOME STATEMENT		4 MOS ENDED			4 MOS ENI	DED	Increase/	
3	FOR THE 4 MOS ENDED 01-31-2021 & 01-31-2020		1/31/2021			1/31/202	0	(Decrease)	
1			Amount	% Sales		Amount	% Sales	Amount	
5									
6									
7	SALES								
3	20-400-01 Sales - Wholesalers		1,398,122.79			2,047,976.03		(649,853.24	
)	20-400-02 Sales - Contract Dealers		2,303,921.04			1,746,795.13		557,125.91	
0	20-400-03 Sales - Schools		8,466.39			10,924.70		(2,458.31	
1	20-400-04 Sales - Dealers		286,560.22			372,682.89		(86,122.67	
2	20-400-21 Sales - ASI		642,163.42			792,761.84		(150,598.42	
3	20-400-23 Sales - Non-ASI Imprints		58,090.96			57,692.43		398.53	
4	20-400-40 Sales - Non-HOD Product		89,321.27			25,138.77		64,182.50	
5									
6	Gross Sales		4,786,646.09	100.0%		5,053,971.79	100.0%	(267,325.70	
7									
8	20-400-90 Sales - Discounts		(13,958.79)			(11,422.40)		(2,536.39	
9	20-7/800-52 Depts - Volume & Growth Rebates		(450,092.07)			(122,647.91)		(327,444.16	
0	20-7/800-59 Depts - Dated Goods Allowance		(368,527.69)			(236,735.57)		(131,792.12	
1	·								
2	Discounts and Allowances		(832,578.55)	-17.4%		(370,805.88)	-7.3%	(461,772.67	
3									
4	Net Sales		3,954,067.54	82.6%		4,683,165.91	92.7%	(729,098.37	
5									
6	COST OF SALES								
7	20-500-01 Beginning Inventory		2,368,316.27	49.5%		2,262,923.54	44.8%	105,392.73	
	20-500-09 Temp Labor Indirect		10,250.30	0.2%		22,025.42	0.4%	(11,775.12	
9	20-500-10 Purchases		760,867.61	15.9%		928,468.64	18.4%	(167,601.03	
0	20-500-11 Purchase Discounts		(3,117.49)	-0.1%		(5,537.27)	-0.1%	2,419.78	
	20-500-30 Temp Labor Direct		71,194.52	1.5%		98,050.09	1.9%	(26,855.57	
2	20-500-40 Artwork & Film		7,769.90	0.2%		11,678.59	0.2%	(3,908.69	
3	20-500-90 Inv Adj [Samples/Donations]		(2,641.08)	-0.1%		(4,783.77)	-0.1%	2,142.69	
	20-500-99 Ending Inventory		(1,927,456.57)	-40.3%		(1,899,657.75)	-37.6%	(27,798.82	
	20-600-01 Direct Depts - Direct Labor		165,768.01	3.5%		204.069.05	4.0%	(38,301.04	
	20-600-09 Direct Depts - Indirect Labor		94,018.83	2.0%		104,378.67	2.1%	(10,359.84	
	20-600-20 Direct Depts - Social Security Taxes		19,787.03	0.4%		26,054.93	0.5%	(6,267.90	
	20-600-21 Direct Depts - Unemployment Taxes		2,293.59	0.0%		2,745.38	0.1%	(451.79	
	20-600-22 Direct Depts - Group Insurance		47,420.57	1.0%		38,474.12	0.8%	8,946.45	
	20-600-23 Direct Depts - 401K Expense	244.02	0.0%		0.00	0.0%	244.02		
	20-600-25 Direct Depts - Vacation Pay	9,972.10	0.2%		13,584.24	0.3%	(3,612.14		
2 20-600-26 Direct Depts - Holiday Pay			19,228.48	0.4%		17,309.68	0.3%	1,918.80	
	20-600-27 Direct Depts - Bonus Pay	0.00	0.0%		8,188.00	0.2%	(8,188.00		
	20-600-30 Direct Depts - Shop Expense		10,733.21	0.2%		18,584.36	0.4%	(7,851.15	
	20 C00 34 D; 1 D 1 D 2 0 14		00.004.40	0.50/		22.000.00	0.70/	(40 570 74	

Old Statement 0220

A	C	D E	F	G	H I	J	K	L
HOUSE OF DOOLITTLE								
CONSOLIDATING INCOME STATEMENT								
FOR THE 04 MOS ENDED 01-31-2021	FIN	NAL @ 01-31	-2021					
	Jan '21	% Sales	Year-To-Date	% Sales				
SALES								
20-400-01 Sales - Wholesalers	77,822.83		1,398,122.79					
20-400-02 Sales - Contract Dealers	192,597.69		2,303,921.04					
20-400-03 Sales - Schools	935.22		8,466.39					
20-400-04 Sales - Dealers	39,469.73		286,560.22					
20-400-21 Sales - ASI	47,496.39		642,163.42					
20-400-23 Sales - Non-ASI Imprints	5,137.71		58,090.96					
20-400-40 Sales - Non-HOD Product	17,294.61		89,321.27					
20-400-90 Sales - Discounts	(82.74)		(13,958.79)					
5					Ship/Recv	General	Sales/Mktg	G & A
5					701	799	810	850
20-7/800-52 Depts - Volume & Growth Rebate:	s (29,106.00)		(450,092.07)		0.00	0.00		
20-7/800-59 Depts - Dated Goods Allowance	(27,582.66)		(368,527.69)		0.00	0.00	368527.69	0.0
Net Sales	323,982.78	100.0%	3,954,067.54	100.0%	0.00	0.00	818619.76	
COST OF SALES								
20-500-01 Beginning Inventory	0.00	0.0%	2,368,316.27	59.9%				
20-500-09 Temp Labor Indirect	2,725.14	0.8%	10,250.30	0.3%				
20-500-10 Purchases	394,354.81	121.7%	760,867.61	19.2%				
20-500-11 Purchase Discounts	(1,160.92)	-0.4%	(3,117.49)	-0.1%				
20-500-30 Temp Labor Direct	19,135.66	5.9%	71,194.52	1.8%				
20-500-40 Artwork & Film	916.80	0.3%	7,769.90	0.2%				
20-500-90 Inv Adj [Samples/Donations]	(107.67)	0.0%	(2,641.08)	-0.1%	Aı		Assembly	Cuttii
20-500-99 Ending Inventory [Month is Variance	e] (335,304.58)	-103.5%	(1,927,456.57)	-48.7%	60	1 605	610	6
20-600-01 Direct Depts - Direct Labor	38,054.66	11.7%	165,768.01	4.2%	7593.23	17806.96	26769.80	26324.
20-600-09 Direct Depts - Indirect Labor	23,494.25	7.3%	94,018.83	2.4%	11745.04			
20-600-20 Direct Depts - Social Security Taxes		1.4%	19,787.03	0.5%	1573.45		2566.72	
20-600-21 Direct Depts - Unemployment Taxes	s 2,283.19	0.7%	2,293.59	0.1%	0.00	0.00	0.00	0.
20-600-22 Direct Depts - Group Insurance	12,407.60	3.8%	47,420.57	1.2%	2726.80	4660.58	4892.86	10691.
20-600-23 Direct Depts - 401K Expense	0.00	0.0%	244.02	0.0%	0.00	0.00	0.00	
20-600-25 Direct Depts - Vacation Pay	1,973.22	0.6%	9,972.10	0.3%	510.88		1655.36	
20-600-26 Direct Depts - Holiday Pay	2,704.96	0.8%	19,228.48	0.5%	1788.08		2542.96	
20-600-30 Direct Depts - Shop Expense	2,195.98	0.7%	10,733.21	0.3%	0.00		0.00	
20-600-31 Direct Depts - Repairs & Maint	9,529.99	2.9%	22,691.48	0.6%	0.00		1053.66	
20-600-32 Direct Depts - Supplies	200.00	0.1%	2,170.73	0.1%	0.00		590.00	
20-600-35 Direct Depts - Utilities	4,582.65	1.4%	15,428.04	0.4%	213.44		1707.56	
20-600-41 Direct Depts - Travel	0.00	0.0%	46.00	0.0%	0.00	0.00	0.00	0.
20-600-61 Direct Depts - Network/Computer S	y 542.19	0.2%	10,121.12	0.3%	3232.95	5808.13	0.00	0.

New Statement 0220

A B	С	D E	F	G	Н	1	J	K
HOUSE OF DOOLITTLE								
CONSOLIDATING INCOME STATEMENT								
FOR THE 04 MOS ENDED 01-31-2021	FIN	AL @ 01-31-	2021]			
	Jan '21	% Sales	Year-To-Date	% Sales				
SALES								
20-400-01 Sales - Wholesalers	77,822.83		1,398,122.79					
20-400-02 Sales - Contract Dealers	192,597.69		2,303,921.04					
20-400-03 Sales - Schools	935.22		8,466.39					
20-400-04 Sales - Dealers	39,469.73		286,560.22					
20-400-21 Sales - ASI	47,496.39		642,163.42					
20-400-23 Sales - Non-ASI Imprints	5,137.71		58,090.96					
20-400-40 Sales - Non-HOD Product	17,294.61		89,321.27					
Gross Sales	380,754.18	100.0%	4,786,646.09	100.0%				
20-400-90 Sales - Discounts	(82.74)		(13,958.79)					
20-7/800-52 Depts - Volume & Growth Rebates	(29,106.00)		(450,092.07)					
20-7/800-59 Depts - Dated Goods Allowance	(27,582.66)		(368,527.69)					
Discounts and Allowances	(56,771.40)	-14.9%	(832,578.55)	-17.4%				
Net Sales	323,982.78	85.1%	3,954,067.54	82.6%				
COST OF SALES								
20-500-01 Beginning Inventory	0.00	0.0%	2,368,316.27	49.5%				
20-500-09 Temp Labor Indirect	2,725.14	0.7%	10,250.30	0.2%				
20-500-10 Purchases	394,354.81	103.6%	760,867.61	15.9%				
20-500-11 Purchase Discounts	(1,160.92)	-0.3%	(3,117.49)	-0.1%				
20-500-30 Temp Labor Direct	19,135.66	5.0%	71,194.52	1.5%				
20-500-40 Artwork & Film	916.80	0.2%	7,769.90	0.2%				
20-500-90 Inv Adj [Samples/Donations]	(107.67)	0.0%	(2,641.08)	-0.1%		Art	Pre Press	Asser
20-500-99 Ending Inventory [Month is Variance]	(335,304.58)	-88.1%	(1,927,456.57)	-40.3%		601	605	
20-600-01 Direct Depts - Direct Labor	38,054.66	10.0%	165,768.01	3.5%		7593.23	17806.96	2676
20-600-09 Direct Depts - Indirect Labor	23,494.25	6.2%	94,018.83	2.0%		11745.04	13981.16	579
20-600-20 Direct Depts - Social Security Taxes	4,612.86	1.2%	19,787.03	0.4%		1573.45	2167.02	256
20-600-21 Direct Depts - Unemployment Taxes	2,283.19	0.6%	2,293.59	0.0%		0.00	0.00	
20-600-22 Direct Depts - Group Insurance	12,407.60	3.3%	47,420.57	1.0%		2726.80	4660.58	489
20-600-23 Direct Depts - 401K Expense	0.00	0.0%	244.02	0.0%		0.00	0.00	
20-600-25 Direct Depts - Vacation Pay	1,973.22	0.5%	9,972.10	0.2%		510.88	0.00	165
20-600-26 Direct Depts - Holiday Pay	2,704.96	0.7%	19,228.48	0.4%		1788.08	0.00	254
20-600-30 Direct Depts - Shop Expense	2,195.98	0.6%	10,733.21	0.2%		0.00	0.00	
20-600-31 Direct Depts - Repairs & Maint	9,529.99	2.5%	22,691.48	0.5%		0.00	2522.50	105
20-600-32 Direct Depts - Supplies	200.00	0.1%	2,170.73	0.0%		0.00	0.00	59