

ARC Group Worldwide, Inc.  
Form 10-Q  
February 09, 2017  
Table of Contents

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10 - Q

QUARTERLY REPORT PURSUANT SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended January 1, 2017

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

ARC Group Worldwide, Inc.

(Exact name of registrant as specified in its charter)

Utah

Edgar Filing: ARC Group Worldwide, Inc. - Form 10-Q

(State or other jurisdiction of incorporation or organization)

001-33400                      87-0454148  
(Commission File Number)      (IRS Employer Identification Number)

810 Flightline Blvd.

Deland, FL 32724

(Address of principal executive offices including zip code)

(303) 467-5236

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the Registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer", "accelerated filer" and "small reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer      Accelerated filer  
Non-accelerated filer      Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of February 7, 2017, the Registrant had 18,843,252 shares outstanding of its \$.0005 par value common stock.

---

ARC Group Worldwide, Inc.

Table of Contents

PART I. FINANCIAL INFORMATION

<u>Item 1. Financial Statements</u>	3
<u>Unaudited Condensed Consolidated Statements of Operations for the Three and Six Months Ended January 1, 2017 and December 27, 2015</u>	3
<u>Unaudited Condensed Consolidated Balance Sheets as of January 1, 2017 and June 30, 2016</u>	4
<u>Unaudited Condensed Consolidated Statements of Cash Flows for the Six Months Ended January 1, 2017 and December 27, 2015</u>	5
<u>Notes to Unaudited Condensed Consolidated Financial Statements</u>	6
<u>Item 2. Management’s Discussion and Analysis of Financial Condition and Results of Operations</u>	19
<u>Item 3. Quantitative and Qualitative Disclosures About Market Risk</u>	29
<u>Item 4. Controls and Procedures</u>	29

PART II. OTHER INFORMATION

<u>Item 1A. Risk Factors</u>	30
<u>Item 6. Exhibits</u>	30
<u>SIGNATURES</u>	31

---

Table of Contents

## PART I — FINANCIAL INFORMATION

## ITEM 1. FINANCIAL STATEMENTS

## ARC Group Worldwide, Inc.

## Unaudited Condensed Consolidated Statements of Operations

(in thousands, except for share and per share amounts)

	For the three months ended		For the six months ended	
	January 1, 2017	December 27, 2015	January 1, 2017	December 27, 2015
Sales	\$ 28,200	\$ 23,837	\$ 55,026	\$ 47,468
Cost of sales	23,409	19,719	45,234	39,247
Gross profit	4,791	4,118	9,792	8,221
Selling, general and administrative	4,788	4,114	9,837	8,120
Income (loss) from operations	3	4	(45)	101
Other income, net	837	91	804	94
Interest expense, net	(1,030)	(1,126)	(2,137)	(2,266)
Loss on extinguishment of debt	—	—	(723)	—
Loss before income taxes	(190)	(1,031)	(2,101)	(2,071)
Income tax (expense) benefit	(30)	132	1,301	558
Net loss from continuing operations	(220)	(899)	(800)	(1,513)
Gain on sale of subsidiary and income from discontinued operations, net of tax	(490)	305	3,697	478
Net (loss) income	(710)	(594)	2,897	(1,035)
Net income attributable to non-controlling interests:				
Continuing operations	—	(22)	(22)	(44)
Discontinued operations	—	(13)	(4)	(20)
Net income attributable to non-controlling interests	—	(35)	(26)	(64)
Net (loss) income attributable to ARC Group Worldwide, Inc.	\$ (710)	\$ (629)	\$ 2,871	\$ (1,099)
Net (loss) income per common share, basic and diluted:				
Continuing operations	\$ (0.01)	\$ (0.05)	\$ (0.04)	\$ (0.09)
Discontinued operations	\$ (0.03)	\$ 0.02	\$ 0.20	\$ 0.03

Edgar Filing: ARC Group Worldwide, Inc. - Form 10-Q

Attributable to ARC Group Worldwide, Inc.	\$ (0.04)	\$ (0.03)	\$ 0.16	\$ (0.06)
Weighted average common shares outstanding:				
Basic and diluted	18,123,883	18,123,883	18,123,883	18,123,883

See accompanying notes to the unaudited condensed consolidated financial statements.

3

---

Table of Contents

ARC Group Worldwide, Inc.

Unaudited Condensed Consolidated Balance Sheets

(in thousands, except share data)

	January 1, 2017	June 30, 2016
<b>ASSETS</b>		
Current assets:		
Cash	\$ 1,215	\$ 3,620
Accounts receivable, net	14,521	14,186
Inventories, net	18,719	16,585
Deferred income tax assets	—	478
Prepaid expenses and other current assets	4,301	3,886
Current assets of discontinued operations	—	1,818
Total current assets	38,756	40,573
Property and equipment, net	41,446	41,828
Goodwill	11,427	11,427
Intangible assets, net	21,378	23,066
Other	22	28
Long-term assets of discontinued operations	—	3,527
Total assets	\$ 113,029	\$ 120,449
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 9,238	\$ 8,602
Accrued expenses and other current liabilities	2,803	2,591
Deferred revenue	827	1,457
Bank borrowings, current portion of long-term debt, net of unamortized deferred financing costs	1,636	15,648
Capital lease obligations, current portion	1,386	837
Accrued escrow obligations, current portion	1,233	2,842
Current liabilities of discontinued operations	—	723
Total current liabilities	17,123	32,700
Long-term debt, net of current portion and unamortized deferred financing costs	42,562	36,769
Deferred income tax liabilities	832	1,407
Capital lease obligations, net of current portion	2,527	1,930
Accrued escrow obligations, net of current portion	1,912	966
Other long-term liabilities	1,147	2,115
Long-term liabilities of discontinued operations	—	19
Total liabilities	66,103	75,906

Commitments and contingencies (Note 12)

Edgar Filing: ARC Group Worldwide, Inc. - Form 10-Q

Equity:

Preferred stock, \$0.001 par value, 2,000,000 shares authorized, no shares issued and outstanding	—	—
Common stock, \$0.0005 par value, 250,000,000 shares authorized; 18,803,910 shares issued and 18,795,509 shares issued and outstanding at January 1, 2017 and June 30, 2016	10	10
Treasury stock, at cost; 8,401 shares at January 1, 2017 and June 30, 2016	(94)	(94)
Additional paid-in capital	30,479	29,702
Retained earnings	16,642	13,771
Accumulated other comprehensive loss	(111)	(6)
Total ARC Group Worldwide, Inc. stockholders' equity	46,926	43,383
Non-controlling interests	—	1,160
Total equity	46,926	44,543
Total liabilities and equity	\$ 113,029	\$ 120,449

See accompanying notes to the unaudited condensed consolidated financial statements.



Table of Contents

ARC Group Worldwide, Inc.

Unaudited Condensed Consolidated Statements of Cash Flows

(in thousands)

	For the six months ended	
	January 1, 2015	December 27, 2015
Cash flows from operating activities:		
Net income (loss)	\$ 2,897	\$ (1,035)
Adjustments to reconcile net income (loss) to net cash (used in) provided by operating activities:		
Depreciation and amortization	4,889	4,750
Share-based compensation expense	375	—
Gain on sale of discontinued operations	(5,418)	—
Bad debt expense and other	49	69
Deferred income taxes	(286)	374
Changes in working capital:		
Accounts receivable	(621)	1,157
Inventory	(2,374)	1,111
Prepaid expenses and other assets	(306)	(2,265)
Accounts payable	1,628	(560)
Accrued expenses	(700)	(960)
Deferred revenue	(629)	(43)
Net cash (used in) provided by operating activities	(496)	2,598
Cash flows from investing activities:		
Purchases of property and equipment	(2,901)	(1,339)
Proceeds from sale of subsidiary	10,538	—
Net cash provided by (used in) investing activities	7,637	(1,339)
Cash flows from financing activities:		
Proceeds from debt issuance	48,773	1,000
Repayments of long-term debt and capital lease obligations	(57,397)	(3,215)
Payment of distributions to non-controlling membership interests from the sale of subsidiary	(438)	—
Purchase of non-controlling membership interests	(200)	—
Net cash used in financing activities	(9,262)	(2,215)
Effect of exchange rates on cash	(284)	2
Net decrease in cash	(2,405)	(954)
Cash, beginning of period	3,620	4,821
Cash, end of period	\$ 1,215	\$ 3,867
Supplemental disclosures of cash flow information:		
Cash paid for interest	\$ 1,913	\$ 1,474
Cash paid for income taxes, net of refunds	\$ (877)	\$ 514

See accompanying notes to the unaudited condensed consolidated financial statements.

5

---

Table of Contents

ARC Group Worldwide, Inc.

Notes to Unaudited Condensed Consolidated Financial Statements

NOTE 1 – Nature of Operations and Basis of Presentation

Nature of Operations

ARC Group Worldwide, Inc. (the “Company” or “ARC”) is a leading, global advanced manufacturer offering a full suite of products and services to its customers, including: (i) metal injection molding (“MIM”); (ii) 3D metal and plastic printing (also referred to as “Additive Manufacturing”); (iii) precision metal stamping; (iv) traditional and clean room plastic injection molding; and (v) advanced rapid and conformal tooling. Through the Company’s diverse product offering, ARC provides its customers with a holistic prototyping and full-run production solution for both precision metal and plastic fabrication. The Company further differentiates itself from its competitors by providing innovative, custom capabilities, which improve high-precision manufacturing efficiency and speed-to-market for its customers.

ARC’s mission is to accelerate the adoption of key technologies, such as automation, robotics, production software, and 3D printing, in traditional manufacturing, thereby benefiting from the elimination of inefficiencies currently present in the global supply chain. Further, ARC seeks to create innovative ways to streamline and improve the overall manufacturing process, including offering instant online quoting, in-house rapid and advanced conformal tooling, and a full suite of prototype-to-production capabilities.

Basis of Presentation

The Company’s fiscal year begins July 1 and ends June 30, and the quarters for interim reporting consist of thirteen weeks; therefore, the quarter end will not always coincide with the date of the calendar month-end.

The accompanying unaudited condensed consolidated financial statements of the Company have been prepared in accordance with U.S. generally accepted accounting principles (“GAAP”) for interim financial statements and pursuant to the rules and regulations of the U.S. Securities and Exchange Commission (“SEC”). In the opinion of management, the accompanying unaudited condensed consolidated financial statements reflect all adjustments consisting of normal recurring adjustments necessary for a fair presentation of its financial position and results of operations. Interim results of operations are not necessarily indicative of the results that may be achieved for the full year. The consolidated balance sheet as of June 30, 2016, was derived from the audited financial statements as of that date, but does not include all disclosures including notes required by GAAP. As such, this quarterly report should be read in

conjunction with the consolidated financial statements and related notes included in the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2016. The Company follows the same accounting policies for preparing quarterly and annual reports.

#### Principles of Consolidation

The Consolidated Financial Statements include the amounts of ARC and its controlled subsidiaries. All material intercompany transactions have been eliminated in consolidation.

#### NOTE 2 – Significant Accounting Policies

##### Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and reported amounts of revenue and expenses during the reporting period. Due to the inherent uncertainties in making estimates, actual results could differ from those estimates and such differences may be material to the consolidated financial statements.

## Table of Contents

### Non-Controlling Interests

During the first quarter of fiscal 2016, the Company purchased approximately 1.9% of the outstanding non-controlling membership interests of Tekna Seal LLC. On September 30, 2016, the Company sold Tekna Seal LLC, which included 95.7% owned by the Company and 4.3% held by minority stakeholders (see Note 3, Discontinued Operations, for more information). Effective October 3, 2016, the Company purchased 3.8% of the outstanding non-controlling membership interests of FloMet LLC, increasing the Company's ownership to 100%. As a result of these transactions, there is no non-controlling interest on the consolidated balance sheet as of January 1, 2017. The Company has recognized the carrying value of the non-controlling interests as a component of stockholders' equity for the applicable periods presented.

In connection with the purchase of the outstanding non-controlling membership interests of FloMet LLC, we entered into a Consent and Agreement with the seller that provides in the event of any sale of FloMet LLC within three years from October 3, 2016, if such sale price is higher than the sale of the interests by the Seller, the Seller shall receive a proportionate gross up payment reflecting such higher price.

### Comprehensive Income

For each of the quarters ended January 1, 2017 and December 27, 2015, there were no material differences between net income (loss) and comprehensive income (loss).

### Accounting Pronouncements Adopted in the Current Period

In November 2015, the Financial Accounting Standards Board ("FASB") issued Accounting Standard Update ("ASU") 2015-17, Balance Sheet Classification of Deferred Taxes. This update requires an entity to classify deferred tax assets and liabilities as non-current within a classified statement of financial position. ASU 2015-17 is effective for annual reporting periods, and interim periods therein, beginning after December 15, 2016, but early adoption is permitted. This update may be applied either prospectively to all deferred tax liabilities and assets or retrospectively to all periods presented. The Company adopted the provisions of ASU 2015-17 on a prospective basis as of July 1, 2016; therefore, the prior period was not retrospectively adjusted. The adoption of ASU 2015-17 did not have an impact on our consolidated results of operations or cash flows.

In April 2015, the FASB issued ASU 2015-03, Simplifying the Presentation of Debt Issuance Costs to ASC Topic 835, Interest - Imputation of Interest ("ASU 2015-03"). ASU 2015-03 requires an entity to present debt issuance costs in the balance sheet as a direct deduction from the related debt liability rather than as an asset. Amortization of debt

issuance costs will continue to be reported as interest expense. ASU 2015-03 is effective for interim and annual reporting periods in fiscal years that begin after December 15, 2015.

The Company adopted the provisions of ASU 2015-03 on July 1, 2016, which required retroactive application and represented a change in accounting principle. The deferred financing costs of approximately \$1.3 million associated with a portion of our outstanding debt, which were previously included in prepaid expenses and other current assets and other assets on the consolidated balance sheet as of June 30, 2016, are reflected as a reduction to the carrying liability of the Company's outstanding debt. As a result of this change in accounting principle, the consolidated balance sheet as of June 30, 2016 was adjusted as follows (in thousands):

	June 30, 2016		
	Previously	Effect of	
	Reported	Adoption	As
		of	Adjusted
		Accounting	
		Principle	
Assets:			
Prepaid expenses and other current assets	\$ 4,378	\$ (429)	\$ 3,949
Other assets	\$ 948	\$ (920)	\$ 28
Total assets	\$ 121,798	\$ (1,349)	\$ 120,449
Liabilities:			
Bank borrowings, current portion of long-term debt	\$ 15,909	\$ (261)	\$ 15,648
Long-term debt, net of current portion	\$ 37,857	\$ (1,088)	\$ 36,769
Total liabilities	\$ 77,255	\$ (1,349)	\$ 75,906

Table of Contents

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU No. 2016-02, Leases: Topic 842 (“ASU 2016-02”), to supersede nearly all existing lease guidance under GAAP. ASU 2016-02 requires the recognition of lease assets and lease liabilities on the balance sheet by lessees for those leases currently classified as operating leases. ASU 2016-02 also requires qualitative disclosures along with specific quantitative disclosures and is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. Early application is permitted. Entities are required to apply the amendments at the beginning of the earliest period presented using a modified retrospective approach. The Company is evaluating the requirements of this guidance and has not yet determined the impact of the adoption on its consolidated financial position, results of operations and cash flows.

In May 2014, the FASB issued ASU No. 2014-09, Revenue from Contracts with Customers: Topic 606 (“ASU 2014-09”), to supersede nearly all existing revenue recognition guidance under GAAP. The core principle of ASU 2014-09 is to recognize revenues when promised goods or services are transferred to customers in an amount that reflects the consideration that is expected to be received for those goods or services. ASU 2014-09 defines a five-step process to achieve this core principle and, in doing so, it is possible more judgment and estimates may be required within the revenue recognition process than required under existing GAAP including identifying performance obligations in the contract, estimating the amount of variable consideration to include in the transaction price and allocating the transaction price to each separate performance obligation. In August 2015, the FASB issued ASU 2015-14 which defers the effective date for one year beyond the originally specified effective date. ASU 2014-09 is effective in the Company’s first quarter of fiscal 2019 and may transition to the standard using either the full retrospective approach or retrospectively with a cumulative effect of initially applying the amendments recognized at the date of initial application. The Company is currently evaluating the impact of its pending adoption of ASU 2014-09 on its consolidated financial statements.

NOTE 3 – Discontinued Operations

On September 30, 2016, the Company sold its non-core subsidiary, Tekna Seal LLC (“Tekna Seal”), to Winchester Electronics Corporation (“Winchester”) pursuant to a Membership Interests Purchase Agreement for \$10.5 million in cash. The sale to Winchester covered all of the membership interests of Tekna Seal, including 95.7% owned by the Company and 4.3% held by the Tekna Seal minority stakeholders. The proceeds of the sale, after giving effect to any working capital adjustments, will be allocated among the Company and the minority sellers proportionate to their respective ownership of pre-closing membership interests. The Company used the net cash proceeds of the sale to repay principal outstanding under the Company’s revolving loan. During the second quarter of 2017, the Company finalized the working capital adjustments with Winchester and paid the former minority stakeholders.

Below is a summary of the gain on sale of discontinued operations (in thousands):

Gross proceeds	\$ 10,538
Less:	
Property and equipment, net	218
Accounts receivable	918
Inventory	1,268
Other current assets	54
Accounts payable and accrued expenses	(936)
Working capital adjustment	(184)
Total net assets disposed	1,338
Goodwill	3,374
Transaction costs	393
Minority interests	(393)
Payments to minority stakeholders	438
Gain on sale of discontinued operations, before income taxes	\$ 5,388

8

---



Table of Contents

In connection with the sale, the Company recorded a pre-tax gain of approximately \$5.4 million, which includes a non-cash charge of \$3.4 million related to goodwill associated with Tekna Seal, and transaction costs of approximately \$0.4 million. The income from operations of Tekna Seal attributable to the Company was approximately \$0.3 million for the three months ended December 27, 2015, and approximately \$0.1 million and \$0.5 million for the six months ended January 1, 2017 and December 27, 2015, respectively.

The condensed consolidated statements of operations for the six months ended January 1, 2017, include the results of operations of Tekna Seal through the sale date of September 30, 2016 and the gain on the sale of Tekna Seal. Financial information for discontinued operations for the three and six months ended January 1, 2017 and December 27, 2015 is as follows (in thousands):

	For the three months ended		For the six months ended	
	January 1, 2017	December 27, 2015	January 1, 2017	December 27, 2015
Sales	\$ —	\$ 1,191	\$ 1,277	\$ 2,049
Cost of sales	—	(688)	(943)	(1,166)
Gross profit	—	503	334	883
Selling, general and administrative	—	(198)	(242)	(405)
Income from discontinued operations, before income taxes	—	305	92	478
Gain on sale of discontinued operations	(255)	—	5,388	—
Total income from discontinued operations, before income taxes	(255)	305	5,480	478
Income tax expense on discontinued operations	(235)	—	(1,783)	—
Income from discontinued operations, net of tax	\$ (490)	\$ 305	\$ 3,697	\$ 478

The following table presents the carrying amount as of June 30, 2016, of the major classes of assets and liabilities held for sale in the condensed consolidated balance sheet (in thousands):

	June 30, 2016
Current assets:	
Accounts receivable	\$ 727
Inventory	1,028
Other assets	63
Total current assets	1,818
Property and equipment, net	153
Goodwill	3,374
Total assets of discontinued operations	\$ 5,345

## Current liabilities:

Accounts payable and accrued expenses	\$	714
Capital lease obligations		9
Total current liabilities		723
Capital lease obligations		19
Total liabilities of discontinued operations	\$	742

Cash flows from Tekna Seal for the six months ended January 1, 2017 and December 27, 2015 are combined with the cash flows from operations within each of the categories presented on the condensed consolidated statements of cash flows. There were no significant operating or investing activities from discontinued operations during the six months ended January 1, 2017 and December 27, 2015.

Table of Contents

## NOTE 4– Inventory

Inventories consisted of the following (in thousands):

	January 1, 2017	June 30, 2016
Raw materials and supplies	\$ 6,385	\$ 6,299
Work-in-process	7,709	7,505
Finished goods	5,457	4,664
	19,551	18,468
Reserve for obsolescence	(832)	(855)
Inventory of discontinued operations	—	(1,028)
	\$ 18,719	\$ 16,585

## NOTE 5 – Property and Equipment

Property and equipment consisted of the following (in thousands):

	Depreciable Life (in years)	January 1, 2017	June 30, 2016
Land	—	\$ 1,264	\$ 1,264
Building and improvements	7 - 40	17,587	17,460
Machinery and equipment	3 - 12	39,582	39,350
Office furniture and equipment	3 - 10	1,257	1,050
Construction-in-process	—	1,118	1,838
Assets acquired under capital lease		7,115	5,482
		67,923	66,444
Accumulated depreciation		(24,596)	(23,018)
Accumulated amortization on capital leases		(1,881)	(1,445)
Property and equipment of discontinued operations		—	(153)
		\$ 41,446	\$ 41,828

Depreciation expense totaled \$1.7 million and \$1.5 million for the three months ended January 1, 2017 and December 27, 2015, respectively, and \$3.2 million and \$3.0 million for the six months ended January 1, 2017 and December 27, 2015, respectively.

NOTE 6 – Goodwill and Intangible Assets

Goodwill

The following table summarizes the activity in the Company's goodwill account by segment during the six months ended January 1, 2017 (in thousands):

	Precision Components Group	3DMT Group	Flanges and Fittings Group	Consolidated
Balance, June 30, 2016	\$ 10,285	\$ 2,804	\$ 1,712	\$ 14,801
Sale of subsidiary (1)	(3,374)	—	—	(3,374)
Balance, January 1, 2017	\$ 6,911	\$ 2,804	\$ 1,712	\$ 11,427

(1) During the three months ended October 2, 2016, the Company sold its majority interest in Tekna Seal LLC and recorded a reduction of goodwill of \$3.4 million, which is included in income from discontinued operations, net of tax on the condensed consolidated statement of operations (see Note 3, Discontinued Operations, for more information).

Table of Contents

## Intangible Assets

The following table summarizes the Company's intangible assets (in thousands):

	January 1, 2017			June 30, 2016		
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Intangible assets:						
Patents and tradenames	\$ 3,773	\$ (886)	\$ 2,887	\$ 3,773	\$ (766)	\$ 3,007
Customer relationships	24,077	(7,225)	16,852	24,077	(6,021)	18,056
Non-compete agreements	3,642	(2,003)	1,639	3,642	(1,639)	2,003
Total	\$ 31,492	\$ (10,114)	\$ 21,378	\$ 31,492	\$ (8,426)	\$ 23,066

Intangible assets are being amortized using the straight-line method over estimated useful lives ranging from five to fifteen years. Amortization expense totaled \$0.8 million for identifiable intangible assets for the three months ended January 1, 2017 and December 27, 2015, and \$1.7 million for the six months ended January 1, 2017 and December 27, 2015. Estimated future amortization expense for the next five years as of January 1, 2017, is as follows (in thousands):

Fiscal Years	Amount
Remainder of 2017	\$ 1,688
2018	3,375
2019	3,191
2020	2,643
2021	2,643
Thereafter	7,838
Total	\$ 21,378

There were no impairments of long-lived assets during the three and six months ended January 1, 2017 and December 27, 2015.

## NOTE 7 – Accrued Escrow Obligations

On April 7, 2014, the Company acquired the membership interests of Advance Tooling Concepts, LLC (“ATC”) for approximately \$24.3 million, of which: (i) \$21.9 million was paid in cash and (ii) \$2.4 million, consisting of 233,788 newly issued shares of common stock of the Company, was to be held in escrow for a period of 12 months (“ATC Escrow”) to satisfy certain working capital adjustments and/or indemnification obligations. In July 2014, the ATC Escrow was reduced by \$0.7 million following the completion of a working capital adjustment. In October 2015, the Company entered into an agreement to settle and terminate the ATC Escrow in cash. The cash settlement has been accrued in current and long-term liabilities. The ATC Escrow shares were returned to the Company and retired in February 2016.

On June 25, 2014, the Company acquired substantially all of the assets of Keczy Corporation and 411 Munson Holding, LLC for approximately \$26.8 million, of which: (i) \$24.2 million was paid in cash; and (ii) \$2.6 million, consisting of 172,450 newly issued shares of common stock of the Company, was to be held in escrow for a period of 18 months (“Keczy Escrow”) to satisfy certain working capital adjustments and/or indemnification obligations. In August 2015, and in connection with the decline in the Company’s stock price since the date of acquisition, the Company issued 499,176 additional shares for security of the escrow. In December 2016, the Company entered into an agreement to settle and terminate the Keczy Escrow for \$2.2 million pursuant to which the Keczy Escrow shares will be returned to the Company and retired. The Keczy Escrow shares will be returned to the Company and retired. The cash settlement has been accrued in current and long-term liabilities.

Table of Contents

## NOTE 8 – Debt

Long-term debt payable consists of the following (in thousands):

	Balance as of	
	January 1, 2016	June 30, 2016
Senior secured revolving loan	\$ 4,376	\$ 7,560
Senior secured mortgage-based term loans	21,093	4,449
Senior secured term loan	—	16,248
Senior secured delayed draw term loan	—	5,509
Subordinated term loan	20,000	20,000
Total debt	45,469	53,766
Unamortized deferred financing costs	(1,271)	(1,349)
Total debt, net	44,198	52,417
Current portion of long-term debt, net of unamortized deferred financing costs	(1,636)	(15,648)
Long-term debt, net of current portion and unamortized deferred financing costs	\$ 42,562	\$ 36,769

## New Senior Credit Agreement

On September 29, 2016, the Company and certain of its subsidiaries, entered into a new senior asset-based lending credit agreement with Citizens Bank, N.A. (the “Senior ABL Credit Facility”).

The Senior ABL Credit Facility provides the Company with the following extensions of credit and loans: (1) a Revolving Commitment in the principal amount of \$25.0 million (the “Revolving Loan”) and (2) a mortgage-based Term Loan Commitment in the principal amount of \$17.5 million (the “Term Loan”). The loans under the Senior ABL Credit Facility are secured by liens on substantially all domestic assets of the Company and guaranteed by the Company’s domestic subsidiaries who are not borrowers under the Senior ABL Credit Facility.

The aggregate amount of revolving loans permitted under the Senior ABL Credit Facility may not exceed a borrowing base consisting of: (i) the sum of 85% of certain eligible accounts receivable, plus (ii) the lesser of 65% of the value of certain eligible inventory and 85% of the net orderly liquidation value of certain eligible inventory, plus (iii) an amount not to exceed \$4.2 million, which amount will be adjusted based on the face amount of certain letters of credit issued to Citizens Bank, N.A. in connection with certain operating leases and capitalized leases, minus (iv) reserves for any amounts which the lender deems necessary or appropriate.

Borrowings under the Senior ABL Credit Facility may be made as Base Rate Loans or Eurodollar Rate Loans. The Base Rate loans will bear interest at the fluctuating rate per annum equal to (i) the highest of (a) the Federal Funds Rate plus 1/2 of 1.00%, (b) Citizens own prime rate; and (c) the adjusted Eurodollar rate on such day for an interest period of one (1) month plus 1.00%; and (ii) plus the Applicable Rate, as described below. Eurodollar Rate Loans will bear interest at the rate per annum equal to (i) the ICE Benchmark Administration LIBOR Rate; plus (ii) the Applicable Rate. The “Applicable Rate” will be (a) 2.50% with respect to Base Rate Loans that are Term Loans and 3.50% with respect to Eurodollar Rate Loans that are Term Loans, and (b) 2.50% with respect to Base Rate Loans that are Revolving Loans and 3.50% with respect to Eurodollar Rate Loans that are Revolving Loans, in each case until December 31, 2016, and thereafter the Applicable Rate will be adjusted quarterly, responsive to the Company’s Quarterly Average Availability Percentage, ranging from 1.25% to 1.75% with respect to Base Rate Loans that are Revolving Loans and from 2.25% to 2.75% with respect to Eurodollar Rate Loans that are Revolving Loans. In addition to interest payments on the Senior ABL Credit Facility loans, the Company will pay commitment fees to the lender of 0.375% per quarter on undrawn Revolving Loans. The Company will also pay other customary fees and reimbursements of costs and disbursements to the lender.

The Maturity Date with respect to the Revolving Loan and the Term Loan is August 11, 2019, provided, however, upon repayment of Company subordinated indebtedness the maturity date will automatically extend to five years after the Closing Date for Revolving Loans and Revolving Commitments, and with respect to the Term Loans, the earlier of the date that is (i) ten years after the Closing Date and (ii) the maturity date of the Revolving Loans. The Senior ABL Credit Facility contains certain mandatory prepayment provisions, including mandatory prepayments due in respect of sales of assets, sales of equity securities, events of default and other customary events, with exceptions for non-core business dispositions.



Table of Contents

The Senior ABL Credit Facility contains customary covenants and negative covenants regarding operation of the Company's business, including maintenance of certain financial ratios, as well as restrictions on dispositions of Company assets.

In connection with the Senior ABL Credit Facility, the Company and the Borrowers together with certain subsidiaries (collectively, the "Guarantors"), have entered into an Amended and Restated Guarantee and Collateral Agreement with Citizens Bank, N.A. dated as of September 29, 2016, which secures all of the loans and credits drawn from the Senior ABL Credit Facility by the Borrowers. The security interests established under the Amended and Restated Guarantee and Collateral Agreement include senior secured liens on substantially all of the assets of the Guarantors. The Guarantors have agreed to guarantee the unconditional payment and performance to the lender of all obligations of the Borrowers under the Senior ABL Credit Facility.

As of January 1, 2017, the Company was in compliance with its debt covenants under the Senior ABL Credit Facility.

Prior Amended & Restated Credit Agreement

On September 29, 2016, the Company refinanced all of the existing long-term debt obligations with Citizens Bank, N.A. into the Senior ABL Credit Facility described above. The Company accounted for the refinancing as an extinguishment of debt and wrote off \$0.7 million of previously deferred financing fees.

Subordinated Term Loan Credit Agreement

On November 10, 2014, the Company and certain of its subsidiaries entered into a \$20.0 million, five-year Subordinated Term Loan Credit Agreement ("Subordinated Loan Agreement") with McLarty Capital Partners SBIC, L.P. ("McLarty"), which bears interest at 11% annually. Upon an event of default under the Subordinated Loan Agreement, the interest rate increases automatically by 2.00% annually. The proceeds were used to repay certain outstanding loans under the Company's previous credit facility. McLarty is indirectly a related party to one of the officers and directors of the Company; therefore, the Board of Directors appointed a special committee consisting solely of independent directors to assure that the Subordinated Loan Agreement is fair and reasonable to the Company and its shareholders.

On April 20, 2016, the Company entered into a second amendment to the Subordinated Loan Agreement ("McLarty Second Amendment"), as previously amended on December 29, 2014, to modify certain terms including:

- (1) Allows for the exclusion from the fixed charge coverage ratio \$1.3 million of certain federal and state taxes paid related to prior years, effective March 27, 2016;
- (2) Modifies the minimum fixed charge coverage ratio and maximum total leverage ratio in line with the Company's current financial expectations, effective March 27, 2016; and
- (3) Establishes mandatory prepayments that will be required upon the completion of asset sales or sale-leaseback transactions, with the amount of the prepayments to be determined based upon achievement of certain leverage ratios.

The Subordinated Loan Agreement has been subordinated to the Senior ABL Credit Facility pursuant to a First Lien Subordination Agreement. The Subordinated Loan Agreement contains customary representations and warranties, events of default, affirmative covenants, negative covenants, and prepayment terms that are similar to those contained in the Senior ABL Credit Facility described above.

As of January 1, 2017, the Company was in compliance with its debt covenants under the Subordinated Credit Facility.

#### Loan Contract

On March 23, 2016, AFT-Hungary Kft. ("AFT Hungary"), a wholly owned subsidiary of the Company, entered into a Loan Contract with Erste Bank Hungary Zrt. in an amount equal to €4.0 million ("Loan Contract"). The initial funding of €4.0 million drawn on the Loan Contract occurred on March 31, 2016. Approximately \$3.0 million of the net proceeds from the Loan Contract were used to partially repay obligations outstanding under the Amended & Restated Credit Agreement, with the remaining net proceeds to be used for capital expenditures and other investments to facilitate the export of goods and services provided by AFT Hungary.

Table of Contents

The loan matures on March 7, 2021, and bears interest at a fixed rate of 0.98% per annum. The Company is required to make semi-annual principal payments in an amount equal to approximately €400,000 along with monthly interest payments. The Loan Contract is secured by certain of AFT Hungary's assets, including the real estate and selected machinery and equipment located in Retsag, Hungary.

## Future Debt Payments

The following schedule represents the Company's future debt payments as of January 1, 2017 (in thousands):

2017 (1)	\$ 861
2018	1,722
2019	1,722
2020	21,722
2021	19,442
Total	\$ 45,469

(1) Represents long-term debt principal payments for the six month period ending June 30, 2017.

## NOTE 9 – Income Taxes

The income tax receivable was \$0.2 and \$1.6 million at January 1, 2017 and June 30, 2016, respectively. The decrease in the income taxes receivable during the six months ended January 1, 2017, was primarily associated with the receipt of a federal income tax refund of approximately \$0.9 million related to the carryback of the Company's 2015 net operating loss. The remaining income taxes receivable has been netted to reflect a current period taxes payable of \$0.1 million due primarily to the gain on the sale of Tekna Seal. The Company had unrecognized tax benefits for uncertain tax positions of \$1.1 million and \$1.0 million on January 1, 2017 and June 30, 2016, respectively, which are included in other long-term liabilities.

## NOTE 10 – Earnings Per Share

Basic earnings per share is computed by dividing net income available to common stockholders by the weighted-average number of shares of common stock outstanding during each period. Diluted earnings per share is computed by dividing net income available to common stockholders by the diluted weighted-average shares of common stock outstanding during each period. In connection with the acquisitions of ATC and Keycy, the Company issued a total of 905,414 shares of common stock, which were placed in escrow to satisfy certain working capital

adjustments and/or indemnification obligations. As these escrow shares are expected to be returned to the Company, the escrow shares have been excluded from the basic and diluted earnings per share computations. In February 2016, the 233,788 shares of common stock previously issued for the ATC acquisition were returned to the Company and retired.

As a result of the Company's net loss from continuing operations for the three and six months ended January 1, 2017, potentially dilutive stock options of approximately 437,804 and 275,779 were considered anti-dilutive and were excluded from the computation of diluted earnings per share. For the three and six months ended December 27, 2015, the Company had no outstanding equity awards or other potentially dilutive securities; therefore, there was no computation of dilutive securities.

#### NOTE 11 – Share-Based Compensation

In November 2015, the Company's stockholders approved the ARC Group Worldwide, Inc. 2015 Equity Incentive Plan ("2015 Plan"), which is administered by the Compensation Committee ("Committee") of the Board of Directors. The 2015 Plan reserves for issuance a total of 950,000 shares of common stock, which may be in the form of incentive stock options, non-qualified stock options, restricted stock, restricted stock units, or other types of awards as authorized under the plan. As of January 1, 2017, there were 7,125 shares of common stock available to be granted under the 2015 Plan. In the case of stock options, the exercise price of the stock options granted may not be less than the fair market value of a share of common stock at the date of grant. The Committee determines the vesting conditions of awards; however, the performance period for an award subject to the satisfaction of performance measures may not exceed five years. The 2015 Plan will terminate ten years after its adoption, unless terminated earlier by the Company's Board of Directors.

Table of Contents

In November 2016, the Company's stockholders approved the 2016 ARC Group Worldwide, Inc. Equity Incentive Plan ("2016 Plan"), which reserves for issuance a total of 950,000 shares of common stock. The 2016 Plan contains terms and conditions substantially similar to the 2015 Plan. As of January 1, 2017, no shares of common stock were granted under the 2016 Plan.

A summary of stock option activity under the 2015 Plan as of January 1, 2017 is as follows:

	Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)
Outstanding as of June 30, 2016	759,050	\$ 1.51	
Granted	190,950	\$ 2.50	
Forfeited	(7,125)	\$ 1.51	
Outstanding as of January 1, 2017	942,875	\$ 1.71	6.16
Vested and exercisable as of January 1, 2017	292,513	\$ 2.11	6.41
Vested and expected to vest as of January 1, 2017	848,906	\$ 1.73	6.17

Stock options granted during the six month period ending January 1, 2017 have contractual lives of seven years. The weighted-average grant date fair value of stock options granted during the six months ended January 1, 2017 was \$1.46 per share. The total fair value of shares vested during the six months ended January 1, 2017 was \$0.7 million.

#### Determining Fair Value

The Company estimates the fair value of stock options granted using the Black-Scholes method. The assumptions used to determine the value of the Company's stock options granted to employees during the six month period ended January 1, 2017 were as follows:

Expected term	3.50 - 4.75 years
Expected volatility	78.8% - 85.0%
Expected dividend yield	- %
Risk-free interest rate	1.02% - 1.19%

**Expected Term** – The expected term represents the period of time the options are expected to be outstanding. The Company uses the simplified method, as permitted by the SEC, to calculate the expected term, as the Company does not have sufficient historical exercise data to provide a reasonable basis upon which to estimate the expected life in

years. The simplified method is calculated as the average of the time-to-vesting and the contractual life of the options.

**Expected Volatility** – Expected volatility is based on the historical volatility of the Company's common stock, which we believe will be indicative of future experience.

**Expected Dividends** – The Company has never paid dividends on its common stock and currently does not intend to do so in the near term, and accordingly, the dividend yield percentage is zero.

**Risk-Free Interest Rate** - The risk-free interest rate is based on the U.S. Treasury yield in effect at the time of grant with a term equal to the expected term of the stock option granted.

#### Share-Based Compensation Expense

Compensation expense recognized during the three and six months ended January 1, 2017 was \$0.1 million and \$0.4 million, respectively, and is included in selling, general and administrative expense. As of January 1, 2017, there was \$0.4 million of total unrecognized compensation expense related to non-vested stock options, which is expected to be recognized over a weighted-average period of 3.1 years. The Company estimated expected forfeitures and is recognizing compensation expense only for those option grants expected to vest. The Company's estimate of forfeitures may be adjusted throughout the requisite service period based on the extent to which actual forfeitures differ, or are likely to differ, from the Company's previous estimates. At the end of the service period compensation cost will have been recognized only for those awards for which the employee has provided the requisite service.

Table of Contents

Employee Stock Purchase Plan

Under the terms of the Company's employee stock purchase plan ("ESPP"), eligible employees may authorize payroll deductions up to 5% of their base pay to purchase shares of the Company's common stock at a price equal to 85% of the lower of the closing price at the beginning or end of each six-month purchase period. A total of 750,000 shares were authorized under the ESPP. The purchase period began on August 1, 2016; therefore, no shares have been purchased under the Company's ESPP as of January 1, 2017.

NOTE 12 – Commitments and Contingencies

The Company leases land, facilities, and equipment under various non-cancellable operating lease agreements expiring through August 31, 2024, which contain various renewal options. The Company also leases equipment under non-cancellable capital lease agreements expiring through June 30, 2024. The capital leases have interest rates ranging from 3.0% to 15.6%.

From time to time, the Company is a party to various litigation matters incidental to the conduct of its business. As of January 1, 2017, the Company is not presently a party to any legal proceedings, the resolution of which, management believes, would have a material adverse effect on its business, operating results, financial condition, or cash flows.

NOTE 13 – Segment Information

The Company's operations are classified into four reportable business segments: Precision Components Group, 3DMT Group, Flanges and Fittings Group, and Wireless Group.

- The Precision Components Group companies provide highly engineered fabricated metal components using processes consisting of metal injection molding and precision metal stamping. Industries served include aerospace, automotive, consumer durables, electronic devices, firearms and defense, and medical and dental devices.
- The 3DMT Group consists of our tooling product line, 3D Material Technologies, LLC ("3DMT", our 3D printing and additive manufacturing operations), and ATC.
- The Flanges and Fittings Group consists of General Flange & Forge LLC ("GF&F"). GF&F provides custom machining solutions and special flange facings.

- The Wireless Group focuses on wireless broadband technology related to propagation and optimization. It designs and develops hardware, including antennas, radios, and related accessories, used in broadband, industrial, and other wireless networks. Products are sold to public and private carriers, wireless infrastructure providers, wireless equipment distributors, value added resellers, and other original equipment manufacturers.



Table of Contents

The historical results of Tekna Seal, which were included in the Precision Components Group segment, have been reflected as discontinued operations; therefore, historical segment information has been restated. Summarized segment information for the three and six month periods ended January 1, 2017 and December 27, 2015 is as follows (in thousands):

	Three months ended		Six months ended	
	January 1, 2017	December 27, 2015	January 1, 2017	December 27, 2015
<b>Sales:</b>				
Precision Components Group	\$ 20,042	\$ 17,113	\$ 39,374	\$ 34,182
3DMT Group	6,810	5,149	12,950	10,205
Flanges and Fittings Group	1,191	1,149	2,304	2,321
Wireless Group	157	426	398	760
Consolidated sales	\$ 28,200	\$ 23,837	\$ 55,026	\$ 47,468
<b>Operating costs:</b>				
Precision Components Group	\$ 18,506	\$ 16,316	\$ 35,941	\$ 32,577
3DMT Group	7,483	5,303	14,306	10,512
Flanges and Fittings Group	1,032	1,104	2,015	2,072
Wireless Group	180	339	425	627
Consolidated operating costs	\$ 27,201	\$ 23,062	\$ 52,687	\$ 45,788
<b>Segment operating income (loss):</b>				
Precision Components Group	\$ 1,536	\$ 797	\$ 3,433	\$ 1,605
3DMT Group	(673)	(154)	(1,356)	(307)
Flanges and Fittings Group	159	45	289	249
Wireless Group	(23)	87	(27)	133
Corporate (1)	(996)	(771)	(2,384)	(1,579)
Total segment operating income (loss)	\$ 3	\$ 4	\$ (45)	\$ 101
Interest expense, net	(1,030)	(1,126)	(2,137)	(2,266)
Loss on extinguishment of debt	—	—	(723)	—
Other income, net	837	91	804	94
Non-operating expense	(193)	(1,035)	(2,056)	(2,172)
Consolidated loss before income taxes and non-controlling interest	\$ (190)	\$ (1,031)	\$ (2,101)	\$ (2,071)

(1)Corporate expense includes compensation and benefits, insurance, legal, accounting, consulting, and board of director's fees.



Table of Contents

## NOTE 14 – Significant Customers

The concentration of the Company's business with a relatively small number of customers may expose it to a material adverse effect if one or more of these large customers were to experience financial difficulty or were to cease being a customer for non-financial related issues. The Company's revenue concentrations of 5% or greater are as follows:

Customer	Percentage of Sales			
	Three months ended		Six months ended	
	January 1, 2017	December 27, 2015	January 1, 2017	December 27, 2015
1 (b)	14.6	% 8.8	% 13.7	% 8.2
2 (a)	13.1	% 9.5	% 12.0	% 9.3
3 (a)	7.0	% 7.2	% 7.6	% 7.6
4 (a)	5.8	% 8.5	% 6.6	% 9.3
5 (a)	7.2	% 5.8	% 6.1	% 5.6
6 (a) (b)	*	% *	% *	% 5.0
Total	47.7	% 39.8	% 46.0	% 45.0

(a) Revenue from this customer is generated through our Precision Components Group segment.

(b) Revenue from this customer is generated through our 3DMT Group segment.

The Company's accounts receivable concentrations of 5% or greater for the above-listed customers are as follows:

Customer	Percentage of Receivables	
	January 1, 2017	June 30, 2016
1	12.1	% 8.3
2	13.9	% 10.5
3	7.4	% 8.3
4	**	% 5.2
5	**	% **
6	**	% **
Total	33.4	% 32.3

Table of Contents

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

This discussion should be read in conjunction with the condensed consolidated financial statements and notes included elsewhere in this report and the consolidated financial statements and notes in the ARC Group Worldwide, Inc. ("ARC," "our," "we," or "us") Annual Report on Form 10-K for the fiscal year ended June 30, 2016, as filed with the Securities and Exchange Commission ("SEC").

Cautionary Statement Concerning Forward-Looking Statements

The information contained in this Quarterly Report (this "Report") may contain certain statements about ARC that are or may be "forward-looking statements," that is, statements related to future, not past, events, including forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. These statements are based on the current expectations of the management of ARC and are subject to uncertainty and changes in circumstances and involve risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such forward-looking statements. Factors that could cause our results to differ materially from current expectations include, but are not limited to, factors detailed in our reports filed with the SEC, including further but not limited to those discussed in the "Risk Factors" section of our Annual Report on Form 10-K for the fiscal year ended June 30, 2016. In addition, these statements are based on a number of assumptions that are subject to change. The forward-looking statements contained in this Report may include all other statements in this document other than historical facts. Without limitation, any statements preceded or followed by, or that include the words "targets," "plans," "believes," "expects," "aims," "intends," "will," "may," "anticipates," "estimates," "approximates," "project," "should," "would," "expect," "positioned," "strategy," or words or terms of similar substance or derivative variation or the negative thereof, are forward-looking statements. Forward-looking statements include statements relating to the following: (1) future capital expenditures, expenses, revenues, earnings, synergies, economic performance, indebtedness, financial condition, losses, and future prospects; (2) business and management strategies and the expansion and growth of ARC; (3) the effects of government regulation on ARC's business; and (4) our plans, objectives, expectations and intentions generally.

There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied by such forward-looking statements. Additional particular uncertainties that could cause our actual results to be materially different than those expressed in forward-looking statements include: risks associated with our international operations; significant movements in foreign currency exchange rates; changes in the general economy, as well as the cyclical nature of our markets; availability and cost of raw materials, parts and components used in our products; the competitive environment in the areas of our planned industrial activities; our ability to identify, finance, acquire and successfully integrate attractive acquisition targets; expected earnings of ARC; the amount of and our ability to estimate known and unknown liabilities; material disruption at any of our significant manufacturing facilities; the solvency of our insurers and the likelihood of their payment for losses; our ability to manage and grow our business and execution of our business and growth strategies; our ability and the ability our customers to access required capital at a reasonable costs; our ability to expand our business in our targeted markets; the level of capital investment and expenditures by our customers in our strategic markets; our financial performance;

our ability to identify, address and remediate any material weakness in our internal control over financial reporting; our ability to achieve or maintain credit ratings and the impact on our funding costs and competitive position if we do not do so; and other risks. Other unknown or unpredictable factors could also cause actual results to differ materially from those in any forward-looking statement.

Due to such uncertainties and risks, readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date hereof. ARC undertakes no obligation to publicly update or revise forward-looking statements, whether as a result of new information, future events or otherwise, except to the extent legally required. Nothing contained herein shall be deemed to be a forecast, projection or estimate of the future financial performance of ARC unless otherwise expressly stated.

## Table of Contents

### Overview

ARC Group Worldwide, Inc. is a leading, global advanced manufacturer offering a full suite of products and services to our customers, including: (i) metal injection molding (“MIM”); (ii) 3D metal and plastic printing (also referred to as “Additive Manufacturing”); (iii) precision metal stamping; (iv) traditional and clean room plastic injection molding; and (v) advanced rapid and conformal tooling. Through our diverse product offering, we provide our customers with a holistic prototyping and full-run production solution for both precision metal and plastic fabrication. We further differentiate ourselves from our competitors by providing innovative, custom capabilities, which improve high-precision manufacturing efficiency and speed-to-market for our customers.

Our mission is to accelerate the adoption of key technologies, such as automation, robotics, production software, and 3D printing, in traditional manufacturing, thereby benefiting from the elimination of inefficiencies currently present in the global supply chain. Further, we seek to create innovative ways to streamline and improve the overall manufacturing process, including offering instant online quoting, in-house rapid and advanced conformal tooling, and a full suite of prototype-to-production capabilities.

More specifically, the two key pillars of our business strategy are centered on the following areas:

- **Holistic Manufacturing Solution.** The metal and plastic fabrication industries are highly fragmented sectors with numerous single-solution providers. Given the inefficiencies associated with working with these disjointed groups, many manufacturers seek to improve their supplier base by working with more scaled, holistic providers. Our strategy is to facilitate the consolidation and streamlining of global supply chains by offering a holistic solution to our customers’ manufacturing needs. In particular, ARC provides a “one-stop shop” solution to our customers by offering a spectrum of highly advanced products, processes, and services, thereby delivering highly-engineered precision components at efficient production yields.
- **Accelerating Speed-to-Market.** The traditional prototype-to-production process is often subject to lengthy bottlenecks and is characterized by inefficient price quoting delays, time-consuming tooling procedures, and outdated production methodologies. To differentiate itself from competitors, ARC focuses on reducing inefficiencies in the development cycle by offering the seamless integration of a wide-variety of proprietary technologies in order to dramatically reduce the time and cost associated with new product development. Specifically, the Company has developed rapid and instant online quoting solutions, rapid prototype solutions, short-run production services, in-house rapid and advanced conformal tooling, and rapid full production capabilities.

Separately, we believe that U.S. manufacturing is poised for a rejuvenation as global wage disparities mitigate and traditional labor-intensive processes are displaced by technology. We believe these macroeconomic trends may aid in the adoption of our business strategy.

Our key fundamental strengths are built upon core capabilities, including:

- Metal Injection Molding. We are a large and well-respected MIM provider. As a pioneer of MIM technology, and driven by our material science understanding, powder metallurgy experience, and established global facilities, we are one of the most advanced MIM operators in the marketplace. ARC provides high-quality, complex, precise net-shape metal components to market-leading companies in numerous sectors, including the medical and dental, firearm and defense, automotive, aerospace, consumer durable, and electronic device industries. Further, our process is highly automated, utilizing advanced robotics and automation to ensure high levels of quality and efficiency.

Table of Contents

- **3D Printing.** We offer a variety of 3D printing solutions, with an emphasis on: (i) metal 3D printing; and (ii) rapid and advanced conformal tooling. In general, given promising signs of growth and related barriers to entry, we believe the metal 3D printing sector to be one of the more attractive segments of the overall Additive Manufacturing industry. Furthermore, metal 3D printing, while a complex technology still in its early stages, shares several fundamental similarities with our MIM business, thereby helping to accelerate our research and development. Separately, our metal 3D printing capabilities enable ARC to offer a variety of new services, including rapid prototyping, rapid tooling and short-run production, helping our customers improve their product speed-to-market. Given our established customer base, diverse metallurgy background, and scalable injection molding capabilities, we believe we are well-positioned in the industrial metal 3D printing market.
- **Additional Metal and Plastic Fabrication Capabilities.** We offer a number of additional specialty metal and plastic fabrication capabilities that enable us to provide our customers with a full suite of custom-component products. Our specialty capabilities include precision stamping, magnesium injection molding, computer numerical control machining, plastic injection molding (including medical clean room applications), and fitting and flange manufacturing.
- **Wireless.** Our wireless business designs and develops hardware, including antennas, radios, and related accessories, used in broadband and other wireless networks. Products are sold to public and private carriers, wireless infrastructure providers, wireless equipment distributors, value-added resellers, and other original equipment manufacturers (“OEM”). Further, we believe there is an opportunity to increase utilization of our wireless technology to wirelessly connect the manufacturing floor and industrial products/applications, as the world moves to a more wireless based framework.

Our overall growth strategy is centered on:

- driving organic improvement through the expansion and cross-selling of our core services to existing clients;
- accelerating the adoption of our technology by new customers in traditional manufacturing markets;
- expanding our holistic service offerings through strategic vertical and horizontal acquisitions; and
- improving financial and operational results from the implementation of operational best practices.

Accordingly, all of our business divisions are managed consistently with this strategy in order to drive organic sales growth and operational efficiencies, while improving quality, speed, and service to our customers.

Results of Operations – Three and Six Months Ended January 1, 2017 and December 27, 2015

The following tables summarize our sales and gross profit from continuing operations for the periods indicated, by reporting segment (in thousands):

Three Months Ended		December 27, 2015	
January 1, 2017			
Amount	Percent of total	Amount	Percent of total

Sales:



Edgar Filing: ARC Group Worldwide, Inc. - Form 10-Q

Precision Components Group	\$ 20,042	71.1%	\$ 17,113	71.8%
3DMT Group	6,810	24.1%	5,149	21.6%
Flanges and Fittings Group	1,191	4.2%	1,149	4.8%
Wireless Group	157	0.6%	426	1.8%
Total	\$ 28,200	100.0%	\$ 23,837	100.0%

Gross profit:

Precision Components Group	\$ 3,723	77.7%	\$ 2,811	68.3%
3DMT Group	736	15.4%	899	21.8%
Flanges and Fittings Group	287	6.0%	260	6.3%
Wireless Group	45	0.9%	148	3.6%
Total	\$ 4,791	100.0%	\$ 4,118	100.0%

21

---

Table of Contents

	Six Months Ended		December 27, 2015	
	January 1, 2017		December 27, 2015	
	Amount	Percent of total	Amount	Percent of total
<b>Sales:</b>				
Precision Components Group	\$ 39,374	71.6%	\$ 34,182	72.0%
3DMT Group	12,950	23.5%	10,205	21.5%
Flanges and Fittings Group	2,304	4.2%	2,321	4.9%
Wireless Group	398	0.7%	760	1.6%
Total	\$ 55,026	100.0%	\$ 47,468	100.0%
<b>Gross profit:</b>				
Precision Components Group	\$ 7,663	78.3%	\$ 5,514	67.1%
3DMT Group	1,403	14.3%	1,801	21.9%
Flanges and Fittings Group	609	6.2%	652	7.9%
Wireless Group	117	1.2%	254	3.1%
Total	\$ 9,792	100.0%	\$ 8,221	100.0%

**Sales**

For the Three Months Ended January 1, 2017 Compared to the Three Months Ended December 27, 2015

Sales from continuing operations during the three month period ended January 1, 2017, totaled \$28.2 million, representing an increase of \$4.4 million, or 18.5%, from \$23.8 million during the three month period ended December 27, 2015. The change in sales by reportable segment was as follows:

- Precision Components Group sales were \$20.0 million during the three month period ended January 1, 2017, representing an increase of approximately \$2.9 million, or 17.0%, as compared with sales of \$17.1 million in the prior year period. The increase in sales was primarily due to higher MIM sales of \$2.1 million. MIM sales increased primarily as a result of higher sales to customers in the firearms and defense, and medical and dental industries.
- 3DMT Group sales were \$6.8 million during the three month period ended January 1, 2017, representing an increase of approximately \$1.7 million, or 33.3%, as compared with sales of \$5.1 million in the prior year period. The increase in sales was primarily due to higher plastic injection molding sales of \$1.6 million, primarily as a result of higher sales to customers in the firearms and defense industry.

Edgar Filing: ARC Group Worldwide, Inc. - Form 10-Q

Flanges and Fittings Group sales were \$1.2 million during the three month period ended January 1, 2017, representing an increase of approximately \$0.1 million, or 9.1%, as compared with sales of \$1.1 million in the prior year period. The increase was primarily due to higher sales to customers in the oil and gas industry.

- Wireless Group sales were \$0.2 million during the three month period ended January 1, 2017 representing a decrease of approximately \$0.2 million as compared with sales of \$0.4 million in the prior year period. The decrease in sales is primarily due to increased competition in the frequency space and applications in which our products are used.

Table of Contents

For the Six Months Ended January 1, 2017 Compared to the Six Months Ended December 27, 2015

Sales from continuing operations during the six month period ended January 1, 2017, totaled \$55.0 million, representing an increase of \$7.5 million, or 15.8%, from \$47.5 million during the six month period ended December 27, 2015. The change in sales by reportable segment was as follows:

- Precision Components Group sales were \$39.4 million during the six month period ended January 1, 2017, representing an increase of approximately \$5.2 million, or 15.2%, as compared with sales of \$34.2 million in the prior year period. The increase in sales was primarily due to higher MIM sales of \$3.7 million. MIM sales increased primarily as a result of higher sales to customers in the firearm and defense, automotive, and medical and dental industries.
- 3DMT Group sales were \$13.0 million during the six month period ended January 1, 2017, representing an increase of approximately \$2.8 million, or 27.5%, as compared with sales of \$10.2 million in the prior year period. The increase in sales was primarily due to higher plastic injection molding sales of \$3.4 million primarily as a result of higher sales to customers in the firearms and defense industries, partially offset by lower tooling sales of \$0.8 million as more of the tool production is for internal ownership and use.
- Flanges and Fittings Group sales were \$2.3 million during the six month periods ended January 1, 2017 and December 27, 2015.
- Wireless Group sales were \$0.4 million during the six month period ended January 1, 2017 representing a decrease of approximately \$0.4 million as compared with sales of \$0.8 million in the prior year period. The decrease in sales is primarily due to increased competition in the frequency space and applications in which our products are used.

Gross Profit

Gross profit is affected by a number of factors including product mix, cost of labor and raw materials, unit volumes, pricing, competition, new products and services, new customer programs, and capacity utilization. In the case of new customer programs, profitability normally lags revenue growth due to product start-up costs, lower manufacturing volumes in the start-up phase, operational inefficiencies, and under-absorbed overhead. Gross margin often improves as manufacturing volumes increase, which improves our utilization rates and overhead absorption. As a result of these various factors, our gross margin varies from period to period.

For the Three Months Ended January 1, 2017 Compared to the Three Months Ended December 27, 2015

On a consolidated basis gross profit from continuing operations was \$4.8 million during the three month period ended January 1, 2017, representing an increase of approximately \$0.7 million, or 17.1%, as compared with gross profit of \$4.1 million in the prior year period. Gross margin decreased to 17.0% in the three month period ended January 1, 2017, compared with 17.3% in the three month period ended December 27, 2015. Gross profit by reportable segment was as follows:

- Precision Components Group gross profit was \$3.7 million during the three month period ended January 1, 2017, representing an increase of approximately \$0.9 million, or 32.1%, as compared with gross profit of \$2.8 million in the prior year period. Gross margin increased to 18.6% in the three month period ended January 1, 2017, compared with 16.4% in the three month period ended December 27, 2015. The primary reason for the increase in gross profit was due to higher production volume at our MIM facilities in Colorado, Florida and Hungary. The primary reason for the increase in gross margin percentage was due to increased production and improved efficiencies at our MIM facilities in Florida and Hungary.
- 3DMT Group gross profit was \$0.7 million during the three month period ended January 1, 2017, representing a decrease of \$0.2 million, or 22.2%, as compared with gross profit of \$0.9 million in the prior year period. Gross margin decreased to 10.8% in the three month period ended January 1, 2017, compared with 17.5% in the three month period ended December 27, 2015. The primary reason for the decreases in gross profit and gross margin were due to tools being sold at or near cost in order to obtain increased recurring molding business.

Table of Contents

- Flanges and Fittings Group gross profit was \$0.3 million during the three month periods ended January 1, 2017 and December 27, 2015.
- Wireless Group gross profit was \$45 thousand during the three month periods ended January 1, 2017, a decrease of approximately \$0.1 million from the prior year.

For the Six Months Ended January 1, 2017 Compared to the Six Months Ended December 27, 2015

On a consolidated basis gross profit from continuing operations was \$9.8 million during the six month period ended January 1, 2017, representing an increase of approximately \$1.6 million, or 19.5%, as compared with gross profit of \$8.2 million in the prior year period. Gross margin increased to 17.8% in the six month period ended January 1, 2017, compared with 17.3% in the six month period ended December 27, 2015. Gross profit by reportable segment was as follows:

- Precision Components Group gross profit was \$7.7 million during the six month period ended January 1, 2017, representing an increase of approximately \$2.2 million, or 40.0%, as compared with gross profit of \$5.5 million in the prior year period. Gross margin increased to 19.5% in the six month period ended January 1, 2017, compared with 16.1% in the six month period ended December 27, 2015. The primary reason for the increase in gross profit was due to higher production volume at our MIM facilities in Colorado, Florida and Hungary. The primary reason for the increase in gross margin percentage was due to increased production and improved efficiency at our MIM facilities in Colorado and Hungary.
- 3DMT Group gross profit was \$1.4 million during the six month period ended January 1, 2017, representing a decrease of \$0.4 million, or 22.2%, as compared with gross profit of \$1.8 million in the prior year period. Gross margin decreased to 10.8% in the six month period ended January 1, 2017, compared with 17.6% in the six month period ended December 27, 2015. The primary reason for the decreases in gross profit and gross margin were due to 3D printing and tools being sold at or near cost in order to obtain increased recurring molding business.
- Flanges and Fittings Group gross profit was \$0.6 million during the six month periods ended January 1, 2017 representing a decrease of \$0.1 million, or 14.3%, as compared with gross profit of \$0.7 million in the prior year period. Gross margin decreased to 26.4% in the six month period ended January 1, 2017, compared with 28.1% in the six month period ended December 27, 2015. The decrease in gross profit was primarily due to certain non-recurring refunds of duties received in the prior year.
- Wireless Group gross profit was \$0.1 million during the six month period ended January 1, 2017, representing a decrease of \$0.2 million, or 66.7%, as compared with gross profit of \$0.3 million in the prior year period. The decrease in gross profit was primarily due to increased competition in the frequency space and applications in which our products are used.

The following paragraphs discuss other items affecting the results of our operations for the three and six months ended January 1, 2017 and December 27, 2015.

#### Selling, General and Administrative Expenses

Selling, general and administrative expense (“SG&A”) from continuing operations totaled \$4.8 million, or 17.0% of sales, during the three month period ended January 1, 2017, compared with \$4.1 million, or 17.3% of sales, during the three month period ended December 27, 2015. The increase in SG&A expense during the three month period ended January 1, 2017 was primarily due to higher sales, engineering, and other labor related costs of \$0.6 million as the Company expands headcount to better achieve its speed-to-market strategy.

SG&A from continuing operations totaled \$9.8 million, or 17.9% of sales, during the six month period ended January 1, 2017, compared with \$8.1 million, or 17.1% of sales, during the six month period ended December 27, 2015. The increase in SG&A expense during the six month period ended January 1, 2017 was primarily due to higher sales, engineering, and other labor related costs of \$1.3 million, of which \$0.4 million was stock based compensation.

Table of Contents

Other Income, Net

Other income, net was \$0.8 million and \$0.1 million during the three and six month periods ended January 1, 2017 and December 27, 2015, respectively. The increase in other income, net during the three month and six month periods ended January 1, 2017 was primarily due to a gain of \$0.4 million related to a reduction in the Keczy escrow.

Interest Expense, Net

Interest expense, net was \$1.0 million and \$1.1 million during the three month periods ended January 1, 2017 and December 27, 2015, respectively, and was \$2.1 million and \$2.3 million during the six month periods ended January 1, 2017 and December 27, 2015, respectively. The decrease in interest expense, net during the three month and six month periods ended January 1, 2017 was primarily due to the refinancing of the Company's senior secured credit facility and the retirement of debt resulting from proceeds from the sale of Tekna Seal, both in September 2016.

Loss on Extinguishment of Debt

During the first quarter of fiscal 2017, approximately \$0.7 million of unamortized deferred financing costs were expensed as a result of the extinguishment of our First Amended and Restated Credit Agreement.

Discontinued Operations

In September 2016, the Company sold its subsidiary Tekna Seal LLC pursuant to the terms and conditions of a Membership Interests Purchase Agreement. The sale covered all of the membership interests of Tekna Seal, including 95.7% owned by the Company and 4.3% held by the Tekna Seal minority stakeholders. As a result of this transaction, income from continuing operations for the six months ended January 1, 2017 excludes the income from discontinued operations, before tax of \$0.1 million and the gain on disposition of this business, after tax of \$3.6 million.

Income Tax



Income tax expense from continuing operations was \$30 thousand for the three month period ended January 1, 2017, as compared with an income tax benefit of \$0.1 million for the three month period December 27, 2015. Income tax benefit from continuing operations was \$1.3 million and \$0.6 million for the six month periods ended January 1, 2017 and December 27, 2015, respectively.

The primary reason for the income tax expense in the three month period ended January 1, 2017 was due to the amortization of indefinite-lived intangible assets that were not available to offset existing deferred tax assets (termed a “naked credit”). The primary reason for the income tax benefit in the six month period ended January 1, 2017 was due to our net loss from continuing operations.

### Liquidity and Capital Resources

As of January 1, 2017, we had cash and cash equivalents of \$1.2 million. We anticipate our cash on hand and cash flows from operations will be sufficient to finance our operations for the next twelve months. In order to provide additional liquidity in the future and to help support our strategic goals, we have a senior secured revolving loan, with a current borrowing capacity of up to \$25.0 million. After consideration of \$3.8 million of borrowings outstanding, our remaining borrowing capacity was \$21.2 million at January 1, 2017. Any additional borrowings under the senior secured revolving loan are subject to compliance with the terms of our Senior ABL Credit Facility.

Under the Senior ABL Credit Facility with Citizens Bank, N.A., we will not maintain any cash on hand in our domestic bank accounts by design. Instead, we maintain a \$25.0 million asset based revolver loan as part of our loan agreement that includes an automatic cash sweep feature that identifies any cash available in our bank accounts at the end of a banking business day and then applies that cash to reduce our outstanding revolver loan balance for that day to fund our continuing operations. The reduction serves to decrease our daily interest expense to the extent cash is available and swept over to reduce the revolver loan. Disbursements are paid daily from cash being made available under our revolver loan based on a borrowing base calculation.

## Table of Contents

Cash held in financial institutions outside the United States totaled \$1.2 million and \$1.6 million as of January 1, 2017 and June 30, 2016, respectively. Our Hungarian subsidiary, where these funds are held, is taxed in a similar manner to our domestic subsidiaries. Thus, we would not incur a material tax obligation should we decide to repatriate these funds.

### Operating Activities

Cash used in operating activities was \$0.5 million for the six months ended January 1, 2017, as compared to \$2.6 million of cash provided by operating activities for the six months ended December 27, 2015, primarily due to the following:

- A pre-tax gain of \$5.4 million recognized on the sale of our subsidiary, the cash from which is recognized as an investing activity;
- An increase in cash used for working capital of \$1.4 million. Increases in accounts receivable, inventory, and accounts payable were primarily due to higher sales volume. The decrease in deferred revenue of \$0.6 million is due, in part, to an increase in tools being built for ownership by the Company. Partially offsetting the use of cash in working capital was a receipt of cash from income tax refunds of approximately \$0.9 million, and
- Reductions in cash from operating activities were partially offset by an increase in net income of \$3.9 million.

### Investing Activities

Cash provided by investing activities increased \$8.9 million to \$7.6 million for the six months ended January 1, 2017, as compared to net cash used in investing activities of \$1.3 million for the six months ended December 27, 2015, primarily due to the following:

- Proceeds received from the sale of our subsidiary of \$10.5 million; and
- Partially offset by an increase in cash used to purchase property and equipment of \$1.6 million.

### Financing Activities

Cash used in financing activities increased \$7.0 million to \$9.3 million in the six months ended January 1, 2017, as compared to cash used of \$2.2 million in the six months ended December 27, 2015, primarily due to the following:

- Higher net principal payments on our long-term debt primarily due to cash received of \$10.5 million from the sale of our subsidiary, which was applied against our debt, partially offset by borrowings; and
- Purchase of the non-controlling membership interest in FloMet and payments for the non-controlling interest in connection with the sale of Tekna Seal totaling \$0.6 million.

#### Debt and Credit Arrangements

For a discussion of our long-term debt, see Note 8, Debt, to our condensed consolidated financial statements in Part I, Item 1 to this Report incorporated herein by reference thereto. See Note 7, Debt, to the consolidated financial statements in our Annual Report on Form 10-K for the fiscal year ended June 30, 2016 for more information about our long-term debt.

The descriptions of the Senior ABL Credit Facility and the Subordinated Term Loan Agreement (together, our “Credit Facilities”) do not purport to be complete and are subject to, and are qualified in their entirety by, the full text of the respective documents.

#### Financial Ratio Covenants

The terms and conditions of the Credit Facilities require us to comply with a number of financial and other covenants, such as maintaining debt service coverage and leverage ratios in certain situations and maintaining insurance coverage. These covenants may limit our flexibility in our operations, and breaches of these covenants could result in defaults under the instruments governing the applicable indebtedness even if we had satisfied our payment obligations. If we were to default on the credit agreements or other debt instruments, our financial condition would be adversely affected.

Non-compliance by us with any of the covenants would constitute events of default under both of the Credit Facilities pursuant to cross-default provisions and could result in acceleration of payment obligations for all outstanding principal

Table of Contents

and interest for loans made under both of the Credit Facilities, unless such defaults were waived or subject to forbearance by the respective creditors.

Senior ABL Credit Facility Financial Ratios. Our Senior ABL Credit Facility contains a financial ratio covenant, summarized as follows:

Fixed Charge Coverage Ratio. We may not permit the Fixed Charge Coverage Ratio, as of the last day of any period of four consecutive fiscal quarters, to be less than the greater of (i) 1.10 to 1.00 and (ii) the maximum fixed charge coverage ratio or equivalent ratio permitted under the Subordinated Loan Agreement. The Fixed Charge Coverage Ratio is defined as the ratio of (a) Consolidated EBITDA minus the unfinanced portion of capital expenditures minus expense for taxes paid in cash; to (b) fixed charges, all calculated on a consolidated basis in accordance with GAAP.

The summary calculation of our Senior ABL Credit Facility Fixed Charge Coverage Ratio as of January 1, 2017 is as follows:

(in thousands, except ratio)	Amount
Consolidated EBITDA	\$ 12,087
Less unfinanced portion of capital expenditures	(2,849)
Less expense for taxes paid in cash	(92)
Coverage Amount (a)	\$ 9,146
Fixed Charges (b)	\$ 6,570
Fixed Charge Coverage Ratio (a:b)	1.39:1.00

Subordinated Loan Agreement Financial Ratios. Our Subordinated Loan Agreement contains the following financial ratio covenants, summarized as follows:

Minimum Fixed Charge Coverage Ratio. We may not permit the Minimum Fixed Charge Coverage Ratio, as of the last day of any fiscal quarter ending during any period set forth in the table below, to be less than the ratio set forth opposite such period in the table below. The Fixed Charge Coverage Ratio is defined as the ratio of (a) Consolidated EBITDA minus the unfinanced portion of capital expenditures minus expense for taxes paid in cash (other than certain federal and state taxes excluded under the McLarty Second Amendment); to (b) fixed charges, all calculated on a consolidated basis in accordance with GAAP.

Period

Fixed Charge Coverage Ratio

Edgar Filing: ARC Group Worldwide, Inc. - Form 10-Q

March 27, 2016 through September 24, 2016	1.00:1.00
September 25, 2016 through March 25, 2017	1.00:1.00
March 26, 2017 through September 23, 2017	1.05:1.00
September 24, 2017 through March 24, 2018	1.10:1.00
March 25, 2018 through September 29, 2018	1.15:1.00
September 30, 2018 and thereafter	1.20:1.00

The summary calculation of our Subordinated Loan Agreement Fixed Charge Coverage Ratio as of January 1, 2017 is as follows:

(in thousands, except ratio)	Amount
Consolidated EBITDA	\$ 12,087
Less unfinanced portion of capital expenditures	(4,108)
Less expense for taxes paid in cash	(92)
Coverage Amount (a)	\$ 7,887
Fixed Charges (b)	\$ 6,570
Fixed Charge Coverage Ratio (a:b)	1.20:1.00

Table of Contents

Maximum Total Leverage Ratio. We may not have a Total Leverage Ratio, as of the last day of any fiscal quarter ending during any period set forth in the table below, exceed the ratio set forth opposite such period in the table below. The Total Leverage Ratio means the ratio of (a) our funded indebtedness as of such date, to (b) Consolidated EBITDA for the Test Period ended as of such date.

Period	Total Leverage Ratio
March 27, 2016 through September 24, 2016	5.50:1.00
September 25, 2016 through December 24, 2016	5.00:1.00
December 25, 2016 through March 25, 2017	4.50:1.00
March 26, 2017 through June 29, 2017	4.25:1.00
June 30, 2017 through September 23, 2017	4.00:1.00
September 24, 2017 and thereafter	3.50:1.00

The summary calculation of our Subordinated Loan Agreement Total Leverage Ratio as of January 1, 2017 is as follows:

(in thousands, except ratio)	Amount
Funded Indebtedness (a)	\$ 49,383
Consolidated EBITDA (b)	\$ 12,087
Maximum Total Leverage Ratio (a:b)	4.09:1.00

## Compliance with Financial Ratio Covenants

As of January 1, 2017, we were in compliance with our debt covenants under our Senior ABL Credit Facility and our Subordinated Loan Agreement.

## GAAP to Non-GAAP Reconciliation

Fixed Charges and Consolidated EBITDA used in our debt covenant calculations are non-GAAP financial measures. We have provided this non-GAAP financial information to aid in better understanding of our financial ratios as used in our debt covenant calculation. The methodology used is defined in our debt agreements. Non-GAAP financial measures are not in accordance with, or an alternative for, generally accepted accounting principles in the United States. The non-GAAP financial measures are not meant to be considered in isolation or as a substitute for comparable GAAP financial measures, and should be read only in conjunction with our consolidated financial statements prepared in accordance with GAAP.

Fixed Charges consist of interest payments, principal payments on our debt, and capital lease payments for the prior four quarters.

Consolidated EBITDA used in our debt covenant calculations is based on the sum of the prior four quarter actual amounts. The reconciliation of GAAP net income to Consolidated EBITDA to is as follows (in thousands):

For the twelve months ended:	January 1, 2017
Net income	\$ 1,727
Share-based compensation	552
Interest expense, net	4,320
Income taxes	1,122
Depreciation and amortization	9,656
Transaction related expenses (1)	1,340
Other non-recurring gain (2)	(421)
Pro-forma EBITDA adjustment to exclude discontinued subsidiary	(6,209)
Consolidated EBITDA (3)	\$ 12,087

(1) Transaction related expenses relate to legal fees incurred to amend certain debt agreements, loss on extinguishment of debt, charges related to the sale of our non-core subsidiary and costs incurred to relocate a facility.

(2) Other non-recurring gain relates to the gain on the settlement of the Keczy Escrow.

## Table of Contents

- (3) Consolidated EBITDA excludes interest expense, net and income taxes because these items are associated with our capitalization and tax structures. Consolidated EBITDA excludes depreciation and amortization expense because these non-cash expenses reflect the impact of prior capital expenditure decisions which may not be indicative of future capital expenditure requirements. Share-based compensation, transaction related costs, restructuring and severance expenses, and pro-forma EBITDA adjustment to exclude discontinued subsidiary are adjustments made in accordance with our bank debt covenants.

## Off Balance Sheet Arrangements

We had no off-balance sheet arrangements that would have a material effect on our financial position, results of operations or cash flows as of January 1, 2017.

## Critical Accounting Policies and Estimates

The preparation of financial statements requires management to make estimates and assumptions that affect amounts reported therein, including estimates about the effects of matters or future events that are inherently uncertain. Policies determined to be critical are those that have the most significant impact on our financial statements and require management to use a greater degree of judgment and/or estimates. For a discussion of our critical accounting policies, see Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operation, in our Form 10-K for the fiscal year ended June 30, 2016.

## Item 3. Quantitative and Qualitative Disclosures About Market Risk

Pursuant to permissive authority under Regulation S-K, Rule 305, we have omitted Quantitative and Qualitative Disclosures About Market Risk.

## Item 4. Controls and Procedures

### Evaluation of Disclosure Controls and Procedures

We maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in our filings with the SEC is recorded, processed, summarized and reported within the time period specified in the



SEC's rules and forms, and that such information is accumulated and communicated to management, including our Chief Executive and Chief Financial Officer, or persons performing similar functions, as appropriate, to allow timely decisions regarding required disclosure based on the definition of "disclosure controls and procedures" as defined in Rule 13a-15(e) promulgated under the Securities Exchange Act of 1934, as amended (the "Exchange Act").

As of the end of the period covered by this Report, and under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures. Based on this evaluation, we have concluded that our disclosure controls and procedures were not effective as of January 1, 2017, at the reasonable assurance level due to weaknesses in our internal control over financial reporting.

We previously reported material weaknesses that were identified as of June 30, 2016. Our information technology and accounting infrastructure was inadequate, which could result in the failure to perform timely and effective reviews at a precision necessary to identify a material error.

#### Changes in Internal Control over Financial Reporting

To address the material weaknesses associated with our information technology and accounting infrastructure, remediation actions taken in fiscal year 2017 include:

- Upgrade to the latest version of the enterprise resource planning system used at AFT; and
- Strengthen the documentation of processes, procedures, and the review and approval of our financial activities at our smaller facilities.

## Table of Contents

During fiscal year 2017, we implemented the following changes in our internal control over financial reporting to address the previously reported material weakness and to enhance our overall financial control environment:

- We sold Tekna Seal, which was one of our smaller facilities.
- We moved the accounting for GF&F to Kecy, which has a larger accounting staff with better segregation of duties.
- We are improving the documentation of process and procedures at 3DMT and Thixoforming. We have also enhanced our process to review and approve the financial records of ARC Wireless.
- We are implementing consolidation software during the third quarter of fiscal 2017.

The audit committee directed management to implement remediation measures and is monitoring their implementation. Certain remediation measures may extend into fiscal year 2018. In addition, under the direction of the audit committee, management will continue to review and make necessary changes to the overall design of our internal control environment, as well as policies and procedures to improve the overall effectiveness of internal control over financial reporting.

Management believes the measures described above and other procedures that will be implemented will largely remediate the control deficiencies we have identified and strengthen our internal control over financial reporting. However, the implementation of certain mitigating processes and procedures is dependent on certain factors, including, but not limited to, our financial performance. Management is committed to continuous improvement of our internal control processes and will continue to evaluate and work to improve internal control over financial reporting.

Except as described above, there have been no changes in our internal control over financial reporting during the quarterly period ended January 1, 2017, that would have materially affected, or are reasonably likely to materially affect, our control over financial reporting.

## PART II. OTHER INFORMATION

### Item 1A. Risk Factors

There have been no material changes to the risk factors described in our Annual Report on Form 10-K for the fiscal year ended June 30, 2016.

### Item 6. Exhibits

EXHIBIT INDEX

Exhibit Number	Description
31.1*	Officers' Certifications of Periodic Report pursuant to Section 302 of Sarbanes-Oxley Act of 2002
31.2*	Officers' Certifications of Periodic Report pursuant to Section 302 of Sarbanes-Oxley Act of 2002
32.1&	Officers' Certifications of Periodic Report pursuant to Section 906 of Sarbanes-Oxley Act of 2002
101.INS*	XBRL Instance Document
101.SCH*	XBRL Taxonomy Schema
101.CAL*	XBRL Taxonomy Calculation Linkbase
101.DEF*	XBRL Taxonomy Definition Linkbase
101.LAB*	XBRL Taxonomy Label Linkbase
101.PRE*	XBRL Taxonomy Presentation Linkbase

---

\*Filed with this Form 10-Q.

&This certification is deemed not filed for purposes of section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liability of that section, nor shall it be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended or the Exchange Act.

Table of Contents

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ARC GROUP WORLDWIDE, INC.

Date: February 9, 2017 /s/ Jason T. Young  
Name: Jason T. Young  
Title: Principal Executive Officer

Date: February 9, 2017 /s/ Drew M. Kelley  
Name: Drew M. Kelley  
Title: Principal Financial Officer and  
Principal Accounting Officer