



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

Mail Stop 3720

May 19, 2009

Mr. Ralph G. D'Ambrosio  
Chief Financial Officer  
L-3 Communications Holdings, Inc.  
600 Third Avenue 34th Floor  
New York, NY 10016

**Re: L-3 Communications Holdings, Inc.**  
**Form 10-K for the Fiscal Year Ended December 31, 2008**  
**Filed February 26, 2009**

**Form 10-Q for the Quarterly Period Ended March 27, 2009**  
**Filed May 5, 2009**  
**File No. 001-14141**

Dear Mr. D'Ambrosio:

We have reviewed your filing and have the following comments. We have limited our review to only your financial statements and related disclosures and do not intend to expand our review to other portions of your documents. We have asked you to provide us with supplemental information so we may better understand your disclosure. Please be as detailed as necessary in your explanation. After reviewing this information, we may or may not raise additional comments.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comments or on any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Form 10-K for the fiscal year ended December 31, 2008

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Goodwill and Identifiable Intangible Assets, page 40

1. We note that goodwill accounted for 57% of total assets as of December 31, 2008. As a result of your impairment test of your reporting units as of November 30, 2008, you determined that your goodwill balance was not impaired. In light of the significance of your goodwill balance, we expect robust and comprehensive disclosure in your critical accounting policies regarding your impairment testing policy. This disclosure should provide investors with sufficient information about management's insights and assumptions with regard to the recoverability of goodwill. Specifically, we believe you should provide the following information:
  - Disclose a breakdown of your goodwill balance as of December 31, 2008 by reporting unit.
  - Disclose any changes to your reporting units or allocations of goodwill by reporting unit and the reasons for such changes.
  - Describe the nature of the valuation techniques and the significant estimates and assumptions you employed to determine the fair value of your reporting units in your impairment analysis. For example, if you utilize the discounted cash flow approach, you should disclose the discount rates for each reporting unit and how those discount rates were determined, including your consideration of any market risk premiums. In addition, we believe your disclosure should address your estimates of future cash flows, as follows:
    - Provide a discussion of your historical cash flow growth rates and explain how your historical growth rates were considered when determining the growth rate to be utilized in your cash flow projections.
    - Disclose the growth rate you need to achieve in your cash flow projections in order to avoid having a goodwill impairment charge.
    - In view of the current economic environment, discuss how you considered the uncertainties inherent in your estimated future growth rates. For example, you should explain if and when you anticipated a recovery of the economy in your growth rates used in your cash flows analysis.

- Describe changes to the assumptions and methodologies, if any, since your last annual impairment test.

For further guidance, refer to Release No. 33-8350 "Interpretation: Commission Guidance Regarding Management's Discussion and Analysis of Financial Condition and Results of Operations."

Form 10-Q for the quarterly period ended March 31, 2009

3. New Accounting Standards Implemented, page 6

2. We note that you have adopted FSP APB 14-1 and FSP ETIF 03-6-1. Tell us why you have not presented the effects of the adoption on the Consolidated Statement of Operations for the quarter ended March 31, 2008.

16. Commitments and Contingencies

3. Tell us about your consideration to record any provision under SFAS 5 in connection with any potential liability related to the Korean Lot II Program and the SafeView Arbitration.

\* \* \* \*

Please respond to these comments through correspondence over EDGAR within 10 business days or tell us when you will provide us with a response. Please furnish a letter that keys your responses to our comments and provides any requested information. Detail letters greatly facilitate our review. Please understand that we may have additional comments after reviewing your responses to our comments.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings reviewed by the staff to be certain that they have provided all information investors require for an informed decision. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comments, please provide, in writing, a statement from the company acknowledging that

- the company is responsible for the adequacy and accuracy of the disclosure in the filings;
- staff comments or changes to disclosure in response to staff comments in the filings reviewed by the staff do not foreclose the Commission from taking any action with respect to the filing; and

Mr. Ralph G. D'Ambrosio  
L-3 Communications Holdings, Inc.  
May 19, 2009  
Page 4

- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comments on your filing.

You may contact Michael Henderson, Staff Accountant, at (202) 551-3384 or Ivette Leon, Assistant Chief Accountant, at (202) 551-3351 if you have questions regarding comments on the financial statements and related matters. Please contact me at (202) 551-3810 with any other questions.

Sincerely,

Larry Spigel  
Assistant Director