

L 3 COMMUNICATIONS HOLDINGS INC

Form 11-K

June 22, 2011

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549**

FORM 11-K

(Mark one)

**ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE
ACT OF 1934**

For the fiscal year ended December 31, 2010

OR

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

For the transition period from _____ to _____

**Commission file number 001-14141
AVIATION COMMUNICATION &
SURVEILLANCE SYSTEMS 401(K) PLAN
(Full title of the plan and the address of the plan,
if different from that of the issuer named below)
L-3 COMMUNICATIONS HOLDINGS, INC.**

600 Third Ave

New York, NY 10016

(Name of issuer of the securities held pursuant to the plan and
the address of its principal executive office)

**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
Index to Financial Statements and Supplemental Schedule**

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* Refers to item number in Form 5500 (Annual Return/Report of Employee Benefit Plan) filed with the Department of Labor for the plan year ended December 31, 2010.

Other schedules required by 29 CFR 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted as the conditions under which they are required are not present.

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Report of Independent Registered Public Accounting Firm

To the Participants and Plan Administrator of
the Aviation Communication & Surveillance Systems 401(k) Plan:

In our opinion, the accompanying Statements of Net Assets Available for Benefits and the related Statement of Changes in Net Assets Available for Benefits present fairly, in all material respects, the net assets available for benefits of the Aviation Communication & Surveillance Systems 401(k) Plan (the Plan) at December 31, 2010 and 2009, and the changes in net assets available for benefits for the year ended December 31, 2010 in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental Schedule of Assets (Held at End of Year) is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

/s/ PricewaterhouseCoopers LLP
PricewaterhouseCoopers LLP
New York, New York
June 21, 2011

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF DECEMBER 31, 2010 AND 2009
(in thousands)**

	2010	2009
Assets:		
Investment in Master Trust, at fair value	\$ 22,482	\$ 20,391
Receivables:		
Employer contribution	48	42
Participant contributions	60	60
Notes receivable from participants	506	489
Total receivables	614	591
Total assets	23,096	20,982
Adjustment from fair value to contract value for interest in collective trust relating to fully benefit-responsive investment contracts	(31)	35
Net assets available for benefits	\$ 23,065	\$ 21,017

See Notes to Financial Statements

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2010**

(in thousands)

Additions:	
Contributions:	
Employer	\$ 1,278
Participant	1,727
Rollover	56
Total contributions	3,061
Plan interest in the Master Trust net investment income	142
Interest income on notes receivables from participants	23
Total additions	3,226
Deductions:	
Benefit payments	1,159
Administrative expenses	19
Total deductions	1,178
Net increase	2,048
Net assets available for benefits, beginning of the year	21,017
Net assets available for benefits, end of the year	\$ 23,065

See Notes to Financial Statements

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS**

1. Plan Description

General

The Aviation Communication & Surveillance Systems 401(k) Plan (the Plan) was established effective June 1, 2001. Aviation Communication & Surveillance Systems, LLC (the Company) maintains the Plan for its eligible employees. The following description of the Plan provides only general information. Participants should refer to the Plan document for a more complete description of the Plan s provisions.

The Plan is a defined contribution 401(k) plan and is administered by the Benefit Plan Committee (Plan Administrator) appointed by L-3 Communications Corporation (the Company). The Plan is designed to provide eligible employees with tax advantaged long-term savings for retirement. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended. Participants may direct their investment to a combination of different funds, which are held in the L-3 Communications Master Savings Plan Trust (the Master Trust), managed by Fidelity Management Trust Company (FMTC), as Trustee.

Contributions

Full time employees are eligible to participate in the Plan as of their date of hire. Part time employees must complete at least 1,000 hours of service, from the date of hire, before being eligible to participate in the Plan. Participants may contribute from 1% to 25% of total compensation, as defined. The Plan Sponsor has authority to limit certain highly compensated employees to contributions from 1% to 8% of total compensation, if needed to help the Plan pass discrimination testing. A participant may elect to increase, decrease, suspend or resume contributions at any time. The election will become effective as soon as administratively possible as of the first day of the payroll period elected. The Internal Revenue Code (IRC) limited the maximum amount an employee may contribute on a pre-tax basis in 2010 to \$16,500 for participants under 50 years of age and \$22,000 for participants 50 years of age and over. Participants are 100% vested in their individual contributions and earnings thereon. Participants have the option of investing employee contributions in the L-3 Stock Fund, as well as other available investment options offered by the Master Trust.

Each newly hired employee of the Company will be deemed to have elected to contribute 3% per pay period to the Plan. The contribution will commence on or after the 60th day following the employee s date of hire. An employee may opt out of the automatic enrollment before the 60th day or increase or decrease the percentage elected.

An employee who is automatically enrolled will have his or her pre tax contributions invested in an investment fund designated by the Benefit Plan Committee as the qualified default investment alternative (QDIA). The QDIA for the Plan was the Fidelity Freedom Funds through December 7, 2010. Effective December 8, 2010, the QDIA for the Plan was changed to the Fidelity Freedom K Funds.

The Company matches 50% (75% for employees hired on or after July 1, 2007) of participants contributions up to a maximum participant elected contribution percentage of 8% of compensation, which increases to 100% of participants contributions, up to 8% of compensation after five years of service. Company contributions are made in units of L-3 Communications Holdings, Inc. (L-3 Holdings) common stock. A participant has the right to transfer his or her employer matching contribution into one or more of the available investment funds immediately after deposit to their account.

Vesting

Company contributions for Plan participants hired before July 1, 2007 vest at 20% per year for the first 5 years of employment. Employees hired on or after July 1, 2007 are 100% vested in Company contributions at all times. Participants will also become fully vested in Company contributions and net earnings thereon upon 1) disability, 2) death or 3) the participants 65th birthday if the participant is actively employed by the Company.

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued**

Participant Accounts

Each participant's account is credited with the participant's contribution and allocations of (a) the Company's contribution and (b) the Plan's earnings (losses), and may be charged with certain administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Master Trust Investments

All employer contributions are initially invested in the L-3 Stock Fund, which invests in the common stock of L-3 Holdings and a money market fund. A participant may make an investment election to transfer employer contributions to other investment options.

2. Summary of Significant Accounting Policies

Investment in Master Trust

Investment assets of the Plan are maintained in the Master Trust administered by FMTC, as Trustee. The Plan participates in the Master Trust along with the L-3 Communications Master Savings Plan, and these plans together are collectively referred to as the Participating Plans.

The investment in the Master Trust represents the Plan's specific interest in the assets of the Master Trust. The assets consist of units of funds that are maintained by FMTC. (See Note 3 for a list of funds and the Plan's investment in each fund as of December 31, 2010 and 2009). Contributions, benefit payments and certain administrative expenses are specifically identified and charged to the Plan.

Valuation of Investments

The investment in the Master Trust is stated at fair value. Investments in mutual funds are valued at quoted market prices, which represent the net asset value per share as reported by Fidelity Management and Research Company. The money market fund is valued at cost plus accrued interest, which approximates fair value.

The L-3 Stock Fund is a unitized fund whose value is determined by its underlying assets consisting of shares of L-3 Holdings common stock and the Fidelity Institutional Money Market Fund, sufficient to meet the Fund's daily cash requirements. The L-3 Stock Fund's unit price is computed by the Trustee daily. Shares of L-3 Holdings common stock are valued at the last reported quoted market price of a share on the last trading day of the year.

The Fidelity Managed Income Portfolio II - Class 3 (MIP), a common/collective trust fund investment, is stated at fair value with the related adjustment to contract value for fully benefit-responsive investment contracts (see Basis of Accounting below). The beneficial interest in the net assets of the MIP is represented by units. The fair values of investments in the MIP are determined using Net Asset Value (NAV) provided by the administrator of the fund, which is determined daily. Issues and redemptions of units are recorded upon receipt of unit holder's instructions based on the determined NAV per unit. See Note 5 for the valuation techniques used by FMTC to measure fair value of the MIP's investment in fully benefit-responsive investment contracts.

Basis of Accounting

The financial statements of the Plan are prepared under the accrual method of accounting, except for the recording of benefit payments, as discussed below.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosures of contingent assets and liabilities. Actual results will differ from these estimates. The most significant estimate relates to valuations of investments in the Master Trust.

The Plan's investments are stated at fair value. Refer to Note 3 for additional information and disclosure provided for the fair value of the Plan's investments.

Investment contracts held by a defined contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued**

defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Plan invests in fully benefit-responsive investment contracts through the MIP Fund. The Statements of Net Assets Available for Benefits include the MIP Fund at fair value. The portion of the MIP Fund's related investment in fully benefit-responsive investment contracts is adjusted to contract value from fair value on the Statements of Net Assets Available for Benefits. The Statement of Changes in Net Assets Available for Benefits is prepared on a contract value basis.

New Accounting Standard Implemented

In September 2010, the Financial Accounting Standards Board (FASB) issued an accounting standard for reporting loans to participants by defined contribution benefit plans. This standard requires that participant loans be classified as notes receivable from participants, which are segregated from plan investments and measured at their unpaid principal balance plus any accrued but unpaid interest. This standard was effective for the Plan beginning with the fiscal year ending December 31, 2010 and applied retrospectively to all prior periods presented. This accounting standard did not have a material impact on the Plan's Statement of Net Assets Available for Benefits or the Statement of Changes in Net Assets Available for Benefits.

Investment Transactions and Investment Income

Investment transactions by the Master Trust are accounted for on a trade-date basis. Dividend income is recorded on the ex-dividend date. Interest income is recorded on an accrual basis. Gains and losses on sales of investment securities are determined based on the average cost method.

Forfeitures

Non-vested Company contributions are forfeited upon a participant's five year break in service or withdrawal of vested balance, if earlier, and are used by the Company to reduce future Company contributions and to pay plan expenses. Forfeitures available were approximately \$16,794 and \$46,000 at December 31, 2010 and 2009, respectively.

Benefit Payments

Benefit payments are recorded when paid.

Plan Expenses

The Plan provides for the payment of all its administrative expenses, including trustee, record keeping, consulting, audit and legal fees, from available forfeitures. Loan administration fees are charged to participants. In the event that forfeitures are not available, the Company pays for administrative expenses. Taxes and investment fees related to the stock or mutual funds are paid from the net assets of such funds.

Risks and Uncertainties

The Plan provides for various investment fund options, which in turn invest in any combination of stocks, bonds and other investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risk. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statement of Net Assets Available for Benefits and the Statement of Changes in Net Assets Available for Benefits.

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AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued

3. Master Trust

The fair value of the investments of the Master Trust held by the Trustee and the Plan's portion of the fair value at December 31, 2010 and 2009 are presented in the table below. The Master Trust represents 5% or more of the Plan's net assets available for benefits at December 31, 2010 and 2009. The Plan's percentage interest in the Master Trust was less than one percent at December 31, 2010 and 2009.

Fund	Master Trust		Plan's Portion	
	2010	2009	2010	2009
	(in thousands)			
Investments at Fair Value as Determined by Quoted Market Price:				
American Funds Growth Fund of America Class R6*	\$ 161,146	\$ 148,945	\$ 623	\$ 469
BlackRock High Yield Bond Portfolio. BlackRock Shares *	54,155	18,860	436	96
Calamos Growth Fund Institutional Class*	164,913	136,499	1,132	900
Davis New York Venture Fund, Inc. Class Y*	107,958	98,246	367	311
Dodge & Cox Income Fund*	160,663	135,958	1,162	809
Dodge & Cox Stock Fund*	206,320	183,711	1,566	1,425
Fidelity Balanced Fund Class K*	23,217		78	
Fidelity Balanced Fund*		13,439		17
Fidelity Diversified International Fund Class K*	215,256		1,227	
Fidelity Diversified International Fund*		205,243		1,209
Fidelity Freedom K 2000 Fund*	14,029		41	
Fidelity Freedom K 2005 Fund*	1,079		6	
Fidelity Freedom K 2010 Fund*	94,681		246	
Fidelity Freedom K 2015 Fund*	19,510		44	
Fidelity Freedom K 2020 Fund*	153,798		913	
Fidelity Freedom K 2025 Fund*	20,885		64	
Fidelity Freedom K 2030 Fund*	105,646		1,174	
Fidelity Freedom K 2035 Fund*	10,956		112	
Fidelity Freedom K 2040 Fund*	23,562		125	
Fidelity Freedom K 2045 Fund*	10,079		1	
Fidelity Freedom K 2050 Fund*	15,074		68	
Fidelity Freedom 2000 Fund*		13,499		34
Fidelity Freedom 2005 Fund*		784		6
Fidelity Freedom 2010 Fund*		91,461		209
Fidelity Freedom 2015 Fund*		9,609		35
Fidelity Freedom 2020 Fund*		130,926		914
Fidelity Freedom 2025 Fund*		8,623		55
Fidelity Freedom 2030 Fund*		82,164		721
Fidelity Freedom 2035 Fund*		4,491		21
Fidelity Freedom 2040 Fund*		15,258		89
Fidelity Freedom 2045 Fund*		3,794		1
Fidelity Freedom 2050 Fund*		8,854		41
Fidelity Ginnie Mae Fund*	112,228	107,576	496	682
Fidelity Magellan Fund Class K*	157,418		1,027	

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Fidelity Magellan Fund*		145,240		884
Spartan U.S. Equity Index Fund Advantage Class*	139,272	119,763	723	520
T. Rowe Price Small-Cap Stock Fund*	214,631	146,418	937	613
Victory Special Value Fund Class I*	18,826	9,882	96	58
Vanguard Inflation Protected Securities Fund Investor Shares *	10,266		71	
	\$ 2,215,568	\$ 1,839,243	\$ 12,735	\$ 10,119

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued**

Fund	Master Trust		Plan's Portion	
	2010	2009	2010	2009
		(in thousands)		
Investments at Estimated Fair Value				
L-3 Stock Fund	656,530	741,567	6,622	7,518
Fidelity Managed Income Portfolio II Class 3**	620,050	608,781	3,125	2,754
	1,276,580	1,350,348	9,947	10,272
	\$ 3,492,148	\$ 3,189,591	\$ 22,482	\$ 20,391

* Mutual Fund

** Common/Collective Trust Fund

The investment income of the Master Trust and the Plan's portion of the investment income for the year ended December 31, 2010 is presented in the table below.

	Master Trust	Plan's Portion
	(in thousands)	
Investment Income:		
Net appreciation in investments	\$ 71,335	\$ (343)
Interest and dividend income	78,876	485
Net investment income	\$ 150,211	\$ 142

Net appreciation in the fair value of investments in the Master Trust includes approximately \$145,053,000 of net depreciation related to the L-3 Stock Fund and \$216,388,000 of net appreciation related to mutual funds.

Net appreciation in the fair value of the Plan's investment, consists of the Plan's proportionate share of realized gains or losses and unrealized appreciation or depreciation on those investments. The net appreciation and interest and dividends are allocated to the Participating Plans based upon the relationship of each Participating Plan's respective monthly balances in the investment pool to the total investment pool of the Master Trust, as determined at the beginning of each month.

4. Fair Value Measurements

The Plan applies the accounting standards for fair value measurements to all of the Plan's investments that are measured and recorded at fair value. Fair value is defined as the price that would be received for an asset or the exit price that would be paid to transfer a liability in the principal or most advantageous market in an orderly transaction between market participants. The three levels of the fair value hierarchy defined by the standard are described below.

Level 1: Quoted market prices available in active markets for identical assets or liabilities as of the reporting date. The Plan's Level 1 assets include mutual funds, whose fair values are derived from quoted market prices.

Level 2: Pricing inputs, other than quoted prices in active markets included in Level 1, which are either directly or indirectly observable. The Plan's Level 2 assets include the L-3 Stock Fund and the MIP Fund. See Note 5 for the valuation techniques used by FMTC to measure the fair value of the MIP Fund's investment in fully

benefit-responsive investment contracts.

Level 3: Pricing inputs that are generally unobservable and not corroborated by market data. The Plan does not have any Level 3 investments.

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AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued

Investments measured at fair value on a recurring basis consisted of the following types of instruments as of December 31, 2010 and 2009.

	Fair Value Measurements Using Input Type							
	2010				2009			
	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3	Total
	(in thousands)							
Mutual funds	\$ 12,735	\$	\$	\$ 12,735	\$ 10,119	\$	\$	\$ 10,119
L-3 Stock Fund		6,622		6,622		7,518		7,518
Common/collective trust fund		3,125		3,125		2,754		2,754
Total investments measured at fair value	\$ 12,735	\$ 9,747	\$	\$ 22,482	\$ 10,119	\$ 10,272	\$	\$ 20,391

5. Benefit-Responsive Investment Contracts

The Plan, through its Master Trust, holds investments in the MIP. All investment contracts held by the MIP are held directly between the MIP and the issuer of the contract and are nontransferable. The MIP is designed to invest in investment contracts offered by major insurance companies and in fixed income securities. The MIP's investment objective is to seek preservation of capital and a competitive level of income over time. To achieve its investment objective, the MIP invests in underlying assets (typically fixed-income securities or bond funds and may include derivative instruments such as futures contracts and swap agreements) and enters into wrap contracts issued by third parties, and invests in cash equivalents represented by shares in a money market fund. FMTC seeks to minimize the exposure of the MIP to credit risk through, among other things, diversification of the wrap contracts across an approved group of issuers. The MIP's ability to receive amounts due pursuant to these contracts is dependent upon the issuers' ability to meet their financial obligations.

Wrap Contracts. Investments in wrap contracts are measured at fair value using a discounted cash flow model which considers recent fee bids as determined by recognized dealers, discount rate and the duration of the underlying portfolio of securities. The dealers may consider the following in the bid process: size of the portfolio, performance of the underlying portfolio, and the fair value to contract value ratio. For purposes of benefit-responsive withdrawals, investments in wrap contracts are valued at contract value, which could be more or less than fair value. These investment contracts provide for benefit-responsive withdrawals at contract value including those instances when, in connection with wrap contracts, underlying investment securities are sold to fund normal benefit payments prior to the maturity of such contracts.

An investment contract is generally permitted to be valued at contract value, rather than fair value, to the extent it is fully benefit-responsive and held by a trust offered only to qualified employer-sponsored defined contribution plans. An investment contract is considered fully benefit-responsive if: 1) it is effected directly between the portfolio and the issuer and may not be transferred without the consent of the issuer, 2) the issuer of the wrap contract provides assurance that the contract crediting rate will not be adjusted to less than zero, 3) the contract requires all permitted participant-initiated transactions with the portfolio to occur at contract value without limitation, 4) it is improbable that an event will occur that would limit the ability of the portfolio to transact at contract value with both the issuer and unitholders, and 5) the portfolio allows unitholders reasonable access to their funds. Investment contracts that do not meet the criteria for valuation at contract value will be valued at fair value as determined by the trustee.

FMTC purchases wrap contracts for the MIP with the aim of maintaining the contract value of the MIP's bond investments. In selecting wrap issuers, FMTC analyzes the proposed terms of the wrap contract and the credit quality of the wrap issuer. Other factors, including the availability of wrap contracts under certain market or competitive

conditions, may affect the number of wrap issuers and the terms of the wrap contracts held by the MIP. The MIP may agree to additional limitations on its investments as a condition of the wrap contracts. These may include maximum duration limits, minimum credit standards, and diversification requirements. In addition, a wrap issuer may also require that the MIP invest entirely in cash or cash equivalents under certain conditions. Generally, as long as the MIP is in compliance with the conditions of its wrap contracts, it may buy and sell underlying assets

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued**

without impacting the contract value of the underlying assets. FMTC may terminate and replace wrap contracts under various circumstances, including when there is a default by the wrap issuer.

Wrap contracts accrue interest using a formula called the crediting rate. Wrap contracts use the crediting rate formula to convert market value changes in the underlying assets into income distributions in order to minimize the difference between the market and contract value of the underlying assets over time. Using the crediting rate formula, an estimated future market value is calculated by compounding a portfolio's current market value at a portfolio's current yield to maturity for a period equal to a portfolio's duration. The crediting rate is the discount rate that equates that estimated future market value with a portfolio's current contract value. Crediting rates are reset quarterly. The wrap contracts provide a guarantee that the crediting rate will not fall below 0%.

The crediting rate, and hence a portfolio's return, may be affected by many factors, including purchases and redemptions by unitholders. The impact depends on whether the market value of the underlying assets is higher or lower than the contract value of those assets at the time of those transactions. If the market value of underlying assets is higher than their contract value, the crediting rate will ordinarily be higher than the yield of the underlying assets. Under these circumstances, cash from new investors will tend to lower the crediting rate and a portfolio's return, and redemptions by existing unitholders will tend to increase the crediting rate and a portfolio's return.

Wrap contracts limit the ability of the MIP to transact at contract value upon the occurrence of certain events. These events include, but are not limited to, tax disqualification, certain MIP amendments if the issuers' consent is not obtained, complete or partial termination of the MIP, any legal changes applicable to the plan that could have a material adverse effect on the portfolio's cash flow, merger or consolidation of the MIP with another plan, exclusion of a previously eligible group, early retirement/ termination programs and transfer of assets from a portfolio to a competing option. In addition, the issuers of wrap contracts have certain rights to terminate a contract and settle at an amount which differs from contract value.

The average yield earned by the MIP Fund for all fully benefit-responsive investment contracts for the years ended December 31, 2010 and 2009 was 2.25% and 2.74%, respectively, based on actual earnings, and 1.82% and 1.53%, respectively, based on interest rate credited to participants.

6. Benefit Payments

Upon termination, participants may receive the vested portion of their account balance as soon as practicable after termination, at the participants' option, either in a lump sum or in periodic installments as provided for in the Plan document. Terminated participants who have an account balance in excess of \$1,000 may elect to leave their account balance in the Plan and withdraw it at any time up to age 65, but not later than age 70 1/2.

Assets in a participant's account may be withdrawn before termination of employment or before reaching age 59 1/2 only for financial hardship. Financial hardship is determined pursuant to provisions of the Plan and the IRC. Generally, a penalty will be imposed on withdrawals made before the participant reaches age 59 1/2. In the event of retirement or termination of employment prior to age 59 1/2, funds may be rolled over to another qualified plan or individual retirement account without being subject to income tax or a penalty.

7. Loans

The Plan provides for loans to active participants. Participants may not have more than one loan outstanding at any time. The maximum loan allowed to each participant is the lesser of (1) \$50,000 less the highest outstanding loan balance over the prior 12 months or (2) 50% of the vested value of the participant's account in the Plan. The minimum loan amount is \$1,000. The interest rate is based on the prime interest rate, as defined, plus one percent. The maximum term of a loan is 5 years, or 30 years if used to purchase a principal residence.

Loan repayments are made through payroll deductions, with principal and interest credited to the participants' fund accounts. Repayment of the entire balance is permitted at any time. Participants who terminate employment may continue to repay their outstanding loans as permitted by the Plan document. Participant loans are collateralized by the participant's vested account balance.

8. Accounting Standards Issued and Not Yet Implemented

In May 2011, the FASB issued a revised accounting standard for fair value measurement and disclosure. The revisions clarify how to measure fair value and require additional disclosures as follows: 1) transfers between Level 1 and Level 2 of the fair value hierarchy, 2) the valuation process used and the sensitivity of a fair value measurement categorized within Level 3 of the fair value hierarchy to changes in unobservable inputs, and 3) the

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued**

categorization by level of the fair value hierarchy for items that are not measured at fair value in the Statement of Net Assets Available for Benefits, but for which the fair value of such items is required to be disclosed. The revised accounting standard is effective for the Company beginning after December 15, 2011, and is not expected to have an impact on the Plan's Net Assets Available for Benefits.

9. Tax Status

The Internal Revenue Service has determined and informed the Company by a letter dated April 4, 2011, that the Plan is designed in accordance with applicable sections of the IRC, and thus is exempt from federal income taxes. The Plan has been amended since receiving the determination letter. The Plan Administrator and the Plan's counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan Administrator has analyzed the tax positions by the Plan, and has concluded that as of December 31, 2010, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan Administrator believes it is no longer subject to income tax examinations for years prior to 2006.

10. Related-Party Transactions

Certain Plan investments are shares of mutual funds managed by FMTC and therefore these transactions qualify as party-in-interest. Fees paid by the Company to Fidelity Investments Institutional Operations Company, Inc. for record keeping services were \$8,241 for the year ended December 31, 2010.

The Plan's proportionate interest in the L-3 Stock Fund includes 92,115 shares of L-3 Holdings' common stock valued at \$6,493,189 at December 31, 2010 and 85,012 shares of L-3 Holdings' common stock valued at \$7,392,000 at December 31, 2009. The Plan received dividends on the L-3 Stock Fund in the amount of \$144,077 for the year ended December 31, 2010.

11. Termination Priorities

Although the Company has not expressed intent to do so, the Company can discontinue its contributions and/or terminate the Plan at any time, subject to the provisions of ERISA. In the event of a discontinuance and/or termination of the Plan, plan participants will become 100% vested in Company contributions and the net assets of the Plan will be allocated among the participants and their beneficiaries in accordance with the provisions of ERISA.

12. Subsequent Event

The Plan has evaluated subsequent events through June 21, 2011, the date the financial statements were available to be issued.

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS Continued**

13. Reconciliation of Financial Statements to Form 5500

The following tables provide a reconciliation of net assets available for benefits per the financial statements and investment income per the financial statements to the Form 5500:

	December 31, 2010	2009
	(in thousands)	
Net assets available for benefits per the financial statements	\$ 23,065	\$ 21,017
Less: Adjustment from fair value to contract value for fully benefit-responsive investment contracts	31	(35)
Net assets available for benefits per the Form 5500	\$ 23,096	\$ 20,982
	December 31, 2010	
	(in thousands)	
Total investment income per the financial statements	\$	142
Add: Adjustment from fair value to contract value for fully benefit-responsive investment contracts		66
Total investment income per the Form 5500	\$	208

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**AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS 401(K) PLAN
SCHEDULE H, LINE 4i SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2010
(in thousands)**

	Description of Investment	Cost	Current Value
Participant loans*		\$	505
Total		\$	505

* Consists of participant loans with interest rates from 4.25% to 9.25% maturing through March 2039.

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

Aviation Communication & Surveillance Systems
401(k) Plan Registrant

Date: June 21, 2011

/s/ Ralph G. D Ambrosio

Name: Ralph G. D Ambrosio
Title: Authorized Signatory,
L-3 Benefit Plan Committee