# **CHAPTER II**

# **The Canadian Perspective**

# Risk Management

# **Risk Management Office**

- Optimises EDC's capacity and appetite, consistent with Corporate Business Plans and Objectives
- Assesses financial support for larger transactions recommended by business teams
- Formulates a policy framework and standards for all credit and insurance transactions
- Management of Corporate portfolio risk
- Risk Management Committee

Review and approve credit and concentration risks

• Asset Liability Committee

Membership includes President, Senior Vice Presidents of Operations and Treasury and Controller

Manages Asset Liability exposures on a Corporate basis including:

- ⇒ Interest Rate, Foreign Exchange, Credit, Term Risks
- Reports to the Audit Committee of the Board of Directors

# **EDC Country Ratings**

• Relating EDC Country Risk Ratings to probabilities of Default:

Once we determine EDC Country Risk Ratings for specific countries, we estimate expected annual probabilities of default for each EDC Country Risk Rating category. Probabilities are estimated using:

- ⇒ EDC Economic's Department and International Markets Department analysis
- ⇒ Moody's and Standard & Poor historical data
- ⇒ OECD Consensus/Bernie Union historical data

# **EDC Country Limits**

- After associating each country of the world into one of the 8 EDC Country Risk Rating categories, we determine an EDC Country Limit based on:
  - Probability of default pursuant to risk category
  - Canadian exporter demand
  - Country's annual exports income
  - Country's annual foreign debt service obligations
  - Country's economic variables and trends
  - Country's default history
  - Country's availability to funds from IMF programmes

# **Risk Analysis at Origination**

- Transaction teams perform the roles of:
  - Relationship Management
  - Business Development and Marketing
  - Transaction Identification, Negotiating, and Structuring
  - Risk Credit Analyses and Presenation
- Transaction team can authorise EDC exposure subject to Delegation of Authorities
- All transactions in excess of USD5 million must be endorsed by Risk Management Office and/or Risk Management Committee

# **Risk Analysis at Origination**

- Transaction team performs a risk analysis very similar to analysis performed by commercial bank, investment bank or insurance company
- EDC assesses and prices risk very similarly

- Credit limit and credit term of counterparty exposure is determined pursuant to risk analysis
- Commercial conditions, covenants, and events of default negotiated
- Credit surveillance benchmarks identified

# **Post-Commitment Portfolio Management**

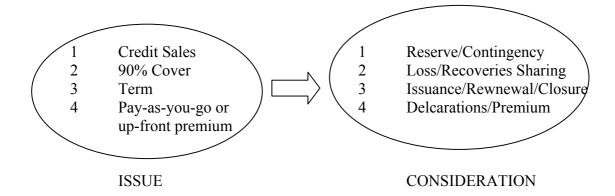
- Two Portfolio Management groups dedicated to monitoring EDC's book of assets and exposures after commitment:
  - Short term exposure
  - Long term exposure
- Monitor the credit-worthiness of all risk counterparties and country risk
- Monitor industries to which EDC has high concentration of assets or exposures
- Monitor loan covenant and conditions

# **Summary**

- Speedy evolution of company structure in a high growth environment drives the controls needed
- Controls exist at the macro level and the micro level
- Inter linkages of all processes is growing as team focus evolves
- Controls on processes shaped by product and geared to proper financial management
- Financial Management takes place within the framework of the corporate Risk Management loop

# **Control Aspects & Issues**

#### **Control Considerations**



# **Delegation of Authorities to EDC Employees**

- Decision-making authorities based upon value are delegated to EDC employees to increase effectiveness of the service to the customer
- Delegation is based upon an employee's position, experience and competency
- 12 levels of authorities

Level 1 - Board of Directors

Level 12 - no delegated authorities

• The Table of Authorities sets out the dollar limits for each function of the employee

# **Premium Payment Process**

• Short Term

Declaration form sent out, customised to each client

Entered in short term insurance computer system

Medium Term

Premium paid in advance

Payment recorded in medium term computer system

Liability recorded

#### **Claim Process**

- Admissibility period based upon Risk Incurred
- Admissible Loss may be the full value declared, or less
- Verification of admissibility of the claim

**Declarations** 

Period of cover

Other

- Payment decision by Claims Department
- Payment instructions to General Accounting
- Claims Accounting by Insurance Accounting

#### **Claim Process Controls**

- Operating Standards written for use by all members of the department
- Every claim is entered on database when received
- Database identifies Business Team of client which leads to the Claim Officer responsible
- Sophisticated computer reporting to control flow of work
- Computer System (CRS) controls approvals

# **Claims and Recoveries System**

#### **Claim Asset Control**

- Paid claims carry an estimate of recovery in percentage terms
- Recovery estimates will change: Write Ups/Downs
- Asset carried on the books as long as recovery is determined to be cost effective
- If recovery prosects are not cost effective ⇒ Write Off
- Decisions taken in Claims Dept, through CRS

#### **Claim Recoveries Control**

- All incoming cheques handled by General Accounting for recording and deposit
- Data entered on CRS by General Accounting including payee and references
- Amount allocated to claim by Claims Officer

• Effect is to adjust the asset Claims Paid

# **Claim Reporting**

- CRS is a sub-system of the accounting system
- Cash transactions handled in the accounting system when triggered by CRS
- Information breakdown, eg claims by product, by program, etc, all drawn from CRS

# **Business Control Summary**

- Controls evolve: increasing insured volumes driving process improvements
- System of checks & balances within processes to ensure appropriate behaviour
- Cross-checks between business process and accounting processes

# **The Future Structure and Controls**

- As EDC Corporate structure evolves, processes, controls and accounting methods must adapt
- Technology will play an important role in the evolution of EDC
- Underwriting and Claim systems upgrades
- Looking at greater asset control for all of EDC's assets

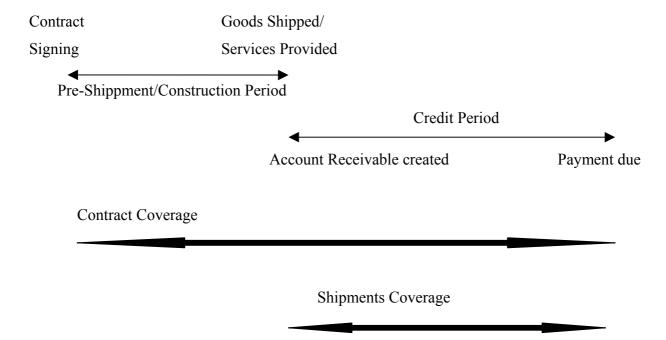
# **Management of Short Term Insurance**

# **Short Term Insurance**

# Interface with other Systems

- Short Term Insurance pipeline
- Cash Receipts system
- Claims and Recoveries system
- General Ledger system
- Corporate Tables
- Credit Administration system

# **Short Term Insurance Contract**



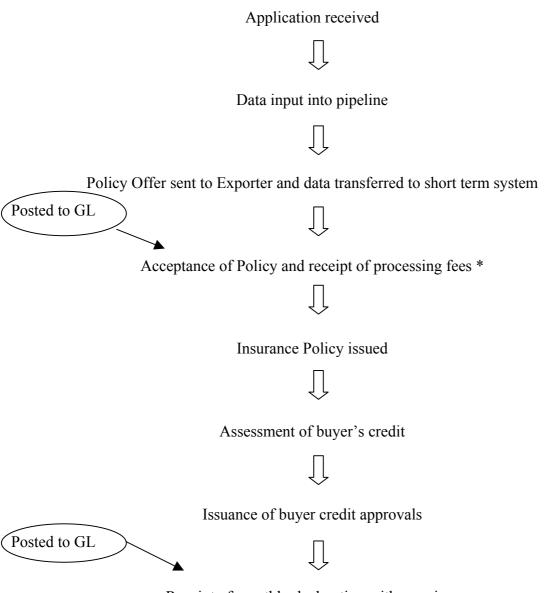
# **Credit Administration System**

Analyse creditworthiness of buyer

- Credit reports
- Exporter's past experience
- Financial Statements

Identify level of risks related to the buyer. Also assess the buyer on a periodic basis to make sure that the level of risk remains acceptable to EDC.

# **Short Term Insurance**



Receipt of monthly declaration with premium

\* Cheque for the processing fees is received by the Mailroom and input into the Cash Receipts system

# **Premiums**

For short term insurance policies, premiums are taken into income at the commencement of coverage

# **Short Term Policy Example**

EDC issues a short term Global Comprehensive policy. Coverage in the policy includes France. The processing fee is \$150.

Goods are to be shipped to France as per following schedule:

|          | Amount   | Terms of payment |
|----------|----------|------------------|
| January  | \$50,000 | net 30 days      |
| February | \$66,000 | net 30 days      |
| June     | \$15,000 | net 30 days      |

# **Policy Schedule**

| Country            | Terms   | Quoted Rate <sup>3</sup> |
|--------------------|---------|--------------------------|
| Canada             | 60 days | 5.00                     |
| France             | 60 days | 5.00                     |
| Germany            | 90 days | 5.10                     |
| Japan<br>* per 100 | 45 days | 5.20                     |
| per 100            |         |                          |

# **Credit Approval**

| Buyer Abc Cie. | Term    | Amount      |  |  |
|----------------|---------|-------------|--|--|
| Abc Cie.       | 30 days | Cdn\$50,000 |  |  |
| France         |         |             |  |  |

# Continuing Credit Approval

# **Shipment of goods**

January 15, 1997, the exporter ships Cdn \$50,000 of goods to the Abc Cie. in France with terms of payment of 30 days.

By the 10<sup>th</sup> of February, EDC should receive from the exporter the declaration form toghether with a cheque for the premium due on the January shipments.

The declaration will be as follows:

| Country | Term    | Rate | Volume | Premium |
|---------|---------|------|--------|---------|
| France  | 30 days | 5.00 | 50,000 | 2,500   |

# **Premium Accounting Entries**

• GL Entries created upon issuance of policy and receipt of cheque processing fees

Bank 150

Short term bank suspense 150

• Money applied to proper policy in short term system

Short term bank suspense 150

Processing fees 150

# **Monthly Declaration**

• Monthly declaration for previous month's shipment

Account receivable 2,500

Premium income 2,500

• Recognition of provision expense at 50%

Provision expense 1,250

Allowance for claims 1,250

• Receipt of premium and allocation to proper policy

Cash 2,500

Short term bank suspense 2,500

Short term bank suspense 2,500

Accounts receivable 2,500

# **Monthly Reconciliation**

Short Term Insurance System General Ledger

Statement of Account by policy = Accounts receivable by policy

Unallocated cash receipts = Suspense Account

# **General Expense**

- Costs which vary indirectly with premiums such as administrative expenses are charged to expense as incurred
- Although indirect administrative expenses are not broken down by insurance program for Financial Statement presentation purposes, costs are allocated by program for internal program profitability reporting
- EDC recently installed "ABC", an Activity Based Costing module for this purpose

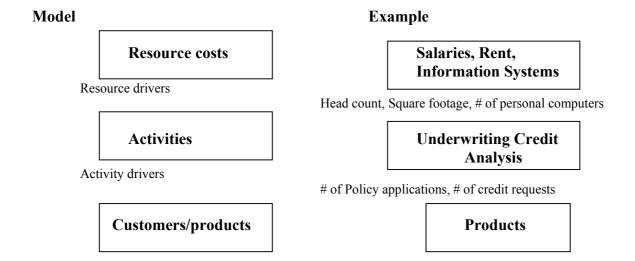
# **Activity Based Costing**

What is ABC?

- ABC goes beyond the traditional cost view by responsibility centre by restating costs according to the way resources are consumed
- Provides adequate information to properly evaluate costs by customer and costs by product
- ABC resolves misallocations by using resource and activity drivers that reflect **unique consumption** patters and **link cause and effect** to the cost-assignment process
- ABC provides a closer match between costs and output

#### **How does ABC Work**

- ABC is a *two-stage* cost distribution system
  - Identify the activities that are performed within the organisation, and how these activities consume resources costs
  - Identify how these activities are consumed by each customer/product



# **Types of Activities**

- There are three major types of activities:
  - Business Sustaining:
     Costs associated with a function required to stay in business and which cannot logically be associated with Costs Objectives
  - Cost Object Activity

A cost object is an item that absorbs a cost and which can be reported on. Activities can be allocated to each cost object using activity drivers.

Reallocation Activity
 Some activities performed may be support activities. The cost associated with these may need to be spread over other departments and activities.

# **INSURANCE ACCOUNTING**

# **AGENDA**

#### Part 2

- 1. Accounting Principles and Practice
- 2. Premiums and Expenses
- 3. Reinsurance
- 4. Claims Management
- 5. Foreign Exchange
- 6. Contingent Liabilities
- 7. Case Studies

# **Accounting Principles and Practices**

- Financial Statements are in accordance with GAAP (Generally Accepted Accounting Principles)
- Canadian Institute of Chartered Accountants provides standards for complying to GAAP
- Canadian Institute of Chartered Accountants is a member of the International Accounting Standards Committee
- International Accounting Standards and Canadian pronouncements correspond very closely and differences will be pointed out

# **Accounting Principles and Practice**

- Integrity and objectivity of Financial Statements are Management's responsibility
- Financial Statements must be approved by EDC's Board of Directors
- The Audit Committee of the Board composed of Board Members, meet regularly to review Financial Statement and accounting policies
- The Corporation is audited by the Auditor General of Canada
- The Corporation must comply with limits as set out in the Financial Administration Act

# Financial Reporting in the Insurance Industry

# **Insurance Financial Statements are specialized due to the following reasons:**

- Insurance deals in the sale of services rather than the purchase/manufacture and sale of goods. The terminology used in insurance accounting reflects this difference. However, despite these differences, the accounting principles applied are the same.
- Most business enterprises are faced with the challenge to reduce risk. However, the
  insurance industry deals with the assumption of risk, which is then managed by spreading
  it among a large population. It is this element of risk that makes the financial reporting of
  insurers so specialized.

# **Financial Reporting**

- For example:
- The major cost of the insurer (claims) can occur at any time, and sometimes not at all, during the period at risk for which the premium was received.
- Claims can be reported to the insurer long after the expiry of the period of cover.
- Unlike most businesses, the actual cost of the insurance product is not known at the time the product is sold. The cost, therefore, must be estimated and a liability set up. In addition developments such as inflation can affect a claim due to the timing differences between setting up of the claim estimate and the settlement date.

# **Financial Reporting**

In view of these characteristics, problems can arise in the appropriate matching of revenue and expenses. The generally accepted approach is that.

- Premiums should be taken into the income statement evenly over the life of the policy,
- Claims should be recognized as a cost of operations and actuarial principles applied to determine appropriate reserves and
- Expenses should be charged to operations in a way to achieve a reasonable association with revenues.

# **Overview of Financial Statements**

# **Balance Sheet**

The Balance Sheet reflects the financial condition as at a point in time.

This statement reflects the type and value of assets, the nature and value of liabilities and the net worth of shareholders.

#### • Assets

Most of the assets of an insurer will be in the form of **investments** as most of the cash a company receives from the insurance of policies is not needed until losses occur. Since losses may occur at any time, a company must maintain a fairly liquid position. The remaining assets consist of receivables connected with normal business operations, fixed assets, deferred expenses and recoverable insurance claims.

# • Liabilities

The two major liabilities of an insurance company are **Deferred Premiums** and the **Allowance for Claims** 

# **Deferred Premiums (Unearned Premiums) (Premium Reserve)**

Normally insurance premiums are received in advance, however, the liability only ends when either the policy expires or is cancelled. Since the premiums are received in advance the insurer has a continuing liability to return the unearned portion of the premium in the event of termination of the policy. It is, therefore, necessary for the insurer to carry this unearned portion as a liability.

# Allowance for Claims (Unpaid Claims)(Claims Reserve)(Loss Reserve)

The insurer must show the liability for unpaid claims, which is intended to cover the amount necessary to settle claims which have been reported but not paid, incurred but not reported and also future claims not yet reported or incurred which will arise from the insurance policies in force.

# **Overview of Financial Statements**

# **Income Statement**

While the Balance Sheet is a snapshot of a company's financial condition at a particular date, the Income Statement reflects the underwriting and investment activities.

The major items of an insurer's Income Statement are:

# 1. Underwriting

Premiums and Fees Earned

Claims Expense (Claims Incurred)

**Operating Expenses** 

Underwriting gain or loss

# 2. Investments

Investment Income

**Investment Expenses** 

# **International Accounting and Reporting**

- Historically, insurance accounting has varied significantly because of the different purposes for which insurers prepared annual accounts. In some countries more emphasis is placed on solvency of insurers and strength of Balance Sheet, whereas in other countries greater emphasis is placed on earnings.
- Situation has improved with European Community Directive which attempted to make difference transparent by requiring much more detail.
- The work of the International Accounting Standards Committee has improved the harmonization of regulations and accounting standards relating to the presentation of Financial Statements.
- For comparative purposes, however, it is still necessary to understand the available accounting and valuation options in each country.

# **CLAIMS**

# **CLAIMS ALLOWANCE**

The allowance for claims on insurance is based on an actuarial review of net loss experience and potential net losses and represents Management's best estimate of the net present value of the liability under existing policies.

# **CLAIMS ALLOWANCE**

There are two steps in booking the expected losses to the allowance:

- 1. Expected loss ratios of net claims paid to premiums are calculated based on 10 year historical claims experience. Monthly charges using these rates are booked against premium income over the life of the policy and charged to the provision expense on the income statement and the claims allowance on the balance sheet.
- 2. At year end an actuarial valuation is calculated by EDC's actuary and the provision expense and claims allowance are adjusted if necessary.

#### EXPECTED LOSS RATIO AVERAGE 10 YEAR RUNOFF

| Underwriting                                 |          | Net Claims Paid    | Expense |
|--|----------|--------------------|---------|
| Year   | Premiums | 1987 <b>→</b> 1996 | Ratio*  |
| 1987<br>———————————————————————————————————— |          |                    |         |
| Totals                                       |          |                    |         |

• Net Claims Paid/Premiums

#### ACTUARIAL VALUATION OF THE CLAIMS ALLOWANCE

#### **CLAIMS VALUATION**

"The purpose of the claims valuation is to disclose the amount of policy and claim contingent liabilities in the Corporation's balance sheet that would make proper provision for future payments under the Corporation's **policies in force** as at December 31, 1996"

# **CLAIMS VALUATION**

- The Valuation is comprised of:
- Provision for future claims
- Provision for incurred claims but not reported (IBNR)
- Claims reported but not yet paid (pending claims)

# **Claims valuation**

# **Components:**

- Provision for future claims
- Provision for incurred claims but not reported (IBNR)
- Claims reported but not yet paid (pending claims)

# **Balance Sheet**

- Deferred premiums
- Allowance for claims

# **Estimation of Future Claims**

- Frequency and severity model
- Frequency is estimated probability of occurrence of a claim in a single year on a single policy
- Severity is the estimated cost of the claim, expressed as a proportion of the maximum claim (ie net of recovery)
- How to estimate is dealt with later

# **DATA**

- Extracted from EDC systems
  - -Credit Approval System, Short Term system, Medium Term system and Claims and Recoveries system
- Checks for
  - -Consistency
  - -Continuity
  - -Trend
  - -Reasonableness

# **General Methodology**

1. Provision for Future Claims (ie Obligations Not Yet Incurred or Reported)

Policy obligations on policies in force on the valuation date that will arise due to events occurring after the valuation date are determined as the present value on the valuation date of future claim payouts net of recoveries.

# Coverage Period and Discount Rate

- Coverage Period
  - -Medium and Long Term Balance of policy term
  - -Short term One Year
- Discount Rate Government of Canada Medium Term Note

# Modelling

- Monte Carlo method of simulation using frequency and severity
- Use 95% confidence level
- Average or mean = expected loss and difference between mean and reserve at 95% confidence level represents Provision for Adverse Deviation (PAD)

# Concentration of Risk

• Size concentration

- Country concentration
- Industry concentration
- Project concentration
- Calculated policy liability must cover
  - -Expected losses (mean)
  - -Provision for adverse deviation (PAD)
- Policy liability should not cover
  - -Excess statistical fluctuation
  - -Catastrophe
  - -It is the role of capital and surplus to provide for these

# **KEY ASSUMPTIONS (COMMERCIAL RISK)**

# **FREQUENCY**

- Short term
  - -Future O/S credit approvals by buyer
  - -Expected declarations in following year under policies in force
  - -Expected loss frequency
    - >> Dun & Bradstreet (U.S.) default rates by industry
    - >> Non U.S. (from Economic Unit)
    - >> Short term economic outlook (from Economic Unit)
    - >> EDC experience
- Medium term
  - -Medium/long term EDC experience
  - -Medium term economic outlook

# Severity

- Short Term
  - -Ratio of submitted claim amounts to maximum authorised credit
  - -Recovery rate average
  - -Coinsurance
  - -Deductibles
- Medium Term

- -Medium/Long term EDC experience
- -Medium term economic outlook
- -For Foreign Investment insurance policies, economists in Political Risk Assessment department provide estimates of expected loss severities

# **KEY ASSUMPTIONS (POLITICAL RISK)**

# Frequency

- Based on risk in higher risk countries
- Aggregate risk for each program by country
  - -Assumption: if one defaults they all do

# Severity

• Varies by program

# 2. Valuation of Incurred Claims

- Reported, not yet paid (pending)
  - -Inventory per Claims and Recoveries system
  - -Cost, net of recovery estimated claim by claim by EDC
- IBNR (Incurred But Not Reported)
  - -Short term
    - >> Determine based on past declarations and estimated lags
  - -Medium Term
    - >> No specific calculation
    - >> Any "suspected" in pending
- No reductions for expected recoveries on paid claims because those shown as asset on balance sheet

# RESERVE SUMMARY FOR SHORT TERM INSURANCE

| Assumptions (Commercial)          | <u>96/12/31</u> |
|-----------------------------------|-----------------|
| 1. Frequency                      | 1%              |
| 2. Severity                       |                 |
| (a)% of authorised credit         | 50%             |
| (b)% recovered                    | 50%             |
| (c) Severity                      |                 |
| (a) $x \{1.00-(b)\}$              | 25%             |
|                                   |                 |
| Results (\$M)                     |                 |
| (a) Mean Loss                     | 50              |
| (b) PAD (@95%)                    | 25              |
| (c) Total Provision = $(a) + (b)$ | 75              |

# **CLAIMS ACCOUNTING ENTRIES**

Example

- 1) On October 1, EDC pays a claim in the amount of \$50,000
- 2) At the end of October, the Claims Officer estimates \$30,000 of the \$50,000 paid is recoverable
- 3) In November, the Claims Officer incurs \$2,000 in travel expenses in attempting recovery of monies owned
- 4) EDC recovers \$50,000 in December

# BALANCE SHEET (000'S) AS AT DEC 31 ASSETS Other Assets Recoverable Insurance Claims Opening Balance 0 Claims Paid 50 Claims Recovered (50) Write ups/downs 0 Total Recoverable Insurance Claims 0

# Other Liabilities and Deferred Revenues Allowance for Claims

Opening Balance 0
Provision for Claims 60
Claims Recovery Expenses (2)
Re-evaluation of Recoverable Claims 0
Allowance for Claims at End of Period 58

# **CLAIMS ACCOUNTING ENTRIES**

# 1) Monthly provision expense booking (year to date)

Provision expense 60,000

Allowance for claims 60,000

# 2) Claim Payment

Claims suspense account 50,000

Bank 50,000

(claim payment)

# 3) Allocation of claim payment

Claims paid 50,000

Claims suspense account 50,000

4) Anticipated recovery

Allowance for claims 20,000

Recoverable insurance claims write-down 20,000

(Claims department estimates anticipated recovery is 60% of amount paid. Insurance accounting adjusts recoverable insurance claims account accordingly.)

# 5) Claims incurs travel expenses in attempting recovery

Allowance for claims 2,000

Bank 2,000

6) Claim payment recovered

Bank 50,000

Claims recovered 50,000

(to record recovery)

Recoverable insurance claims write-up 20,000

Allowance for claims 20,000

(to reverse write-down)

# **CLAIMS RECONCILIATION**

| Claims S  | Suspense  | Ва        | ank       | Claim     | s Paid | Write u<br>Recov<br>Insuranc |           |
|-----------|-----------|-----------|-----------|-----------|--------|------------------------------|-----------|
| 50,000(2) |           |           | 50,000(2) | 50,000(3) |        |                              | 20,000)4) |
|           | 50,000(3) |           | 2,000(5)  |           |        |                              |           |
|           |           | 50,000(6) |           |           |        | 20,000(6)                    |           |

| Allowance for | Claims    | Claims Recove | ered      | Provision Expe | ense |
|---------------|-----------|---------------|-----------|----------------|------|
|               | 60,000(1) |               | 50,000(6) | 60,000(1)      |      |
| 20,000(4)     |           |               |           |                |      |
| 2,000(5)      |           |               |           |                |      |
|               | 20,000(6) |               |           |                |      |

| CONSOLIDATED BALANCE SHEET AS ASSETS | AT DECEMBER 31, 1996 (\$Millions) |
|--------------------------------------|-----------------------------------|
| Cash and Investments                 |                                   |
| Cash and marketable securities       | 1,037                             |
| Investments                          | 407                               |
| Accrued Interest                     | 15                                |
|                                      | 1,459                             |
| Loan Receivable                      |                                   |
| Net loans receivable                 | 8,048                             |
| Accrued interest and fees            | 140                               |
|                                      | 8,188                             |
| Other                                |                                   |
| Recoverable insurance claims         | 25                                |
| Other                                | 34                                |
|                                      | 59                                |
|                                      | 9,706                             |

# CONSOLIDATED BALANCE SHEET AS AT DECEMBER 31, 1996 LIABILITIES (\$millions) Loans Payable 7,735 Loans Payable 94 7,829 Other Liabilities and Deferred Revenues Accounts payable 80 Deferred insurance premiums 11 Allowance for claims and guarantees 205 Deferred loan revenues and other credits 164 460 Shareholder's Equity Share capital 983 Retained earnings 434 1,417 9,706

# **CAPITALIZATION & ALLOWANCES**

|                            | 1992  | 1993  | 1994  | 1995  | 1996  |
|----------------------------|-------|-------|-------|-------|-------|
| S/H Equity:                |       |       |       |       |       |
| Capital                    | 788   | 788   | 813   | 851   | 983   |
| R/E                        | 91    | 107   | 278   | 322   | 434   |
| Capitalisation             | 879   | 895   | 1,091 | 1,172 | 1,417 |
| Allowances:                |       |       |       |       |       |
| Loans                      | 609   | 751   | 935   | 1,256 | 1,458 |
| Insurance                  | 98    | 111   | 149   | 181   | 205   |
| Treasury                   | 6     | 13    | 13    | 20    | 20    |
| Allowances                 | 713   | 875   | 1,097 | 1,457 | 1,683 |
| Capitalisation &           | 1,592 | 1,770 | 2,188 | 2,630 | 3100  |
| Allowances                 |       |       |       |       |       |
| Non-accrued capitalised    |       |       |       |       |       |
| Interest (NACI)            | 828   | 843   | 929   | 927   | 998   |
| Total Capitalisation &     |       |       |       |       |       |
| Allowances and NACI        | 2,420 | 2,613 | 3,117 | 3,557 | 4,098 |
| % increase from prior year |       | 8.0%  | 19.3% | 14.1% | 15.2% |

# FOREIGN EXCHANGE

- All ending monetary balances on the Balance Sheet are translated to Canadian dollars calculated at month end conversion rates.
- All monetary income and expense amounts for the period on the Income Statement are calculated at month average rates
- Foreign Exchange gains and losses arise when there is a difference between the exchange rate used on Financial Statement translation and the foreign exchange rate in effect on the transaction date (or previous month end close exchange rate for opening balances carried forward)
- Foreign exchange gains/losses should be taken into income as incurred to remove monthly distortions, EDC books gains and losses evenly over the year

#### FOREIGN EXCHANGE RISK

- Foreign exchange risk exists where there is a mismatch between assets and liabilities in any currency
- This risk should be measured, monitored and controlled
- Treasury Strategy Guidelines provide acceptable exposures

# **Contingent Liabilities**

- Contingent liabilities are an off-balance sheet item and are disclosed in the Notes to the Financial Statements.
- The corporation is subject to a limit imposed by the Export Development Act on its contingent liability programs. The Act specifies that the corporation's contingent liabilities in respect of the principal amounts owing under all outstanding arrangements shall at no time exceed \$ 15 billion, an amount equal to ten times the authorised capital of the Corporation. As at December 31, 1996, the position against this limit is \$8.9billion (1995 \$7.9 billion).
- The contingent liability is calculated as the insured volume x the cover rate (normally 90%) minus any claim payments.
- The contingent liability remains in force until the claims expiry date is reached.

# S.T. Contingent Liability – Top 5 Countries

- 1. Iran
- 2. Mexico
- 3. Brazil
- 4. Canada
- 5. U.S.

Short – term contingent Liability 1996 - \$5,081 million

# M.T. Contingent Liability – Top 5 Countries

United Kingdom

Argentina

Turkey

Colombia

Canada

1996 Medium – term contingent Liability \$2,351 million