KNOW YOUR MONEY

De La Rue
February 2017

Trinidad & Tobago
AGENDA

1. Introduction
2. TT dollars in circulation
3. Overview of banknote production
4. How to authenticate banknotes
INTRODUCTION

• Barnaby Dicks - Regional Manager
• De La Rue
  – The world’s largest commercial banknote printer and passport manufacturer
  – British company established in 1813
  – FTSE 250
  – Involved in 140 countries
  – Collaboration with Trinidad and Tobago since 1907
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TT dollars in circulation

Scarlet Ibis

Mot Mot Bird

Cocrico

Humming Bird

Red-capped Cardinal

Bird of Paradise

Point Lisas Industrial Estate

Market Scene

Port Scene

Steel pan

Carnival masquerader

Marine Oil Platform

© De La Rue International 2014
Issued to commemorate the Commonwealth Head of Government Meeting (CHOGM) November 27-29, 2009

The $100 CHOGM remains legal tender after the conclusion of the meeting in November 2009 and continues to co-circulate with the existing currency notes which also remain legal tender.
$50 commemorative banknote (June 2012)

$50 commemorative banknote is a limited series and remains legal tender and continues to co-circulate with the existing currency notes.
$50 commemorative banknote Dec 2014

$50 commemorative banknote is a limited series and remains legal tender and continues to co-circulate with the existing currency notes.
TT dollars in circulation

TT dollar banknotes contain elements common to all banknotes:

- The name of the issuing authority
- A statement that the note is legal tender
- The signature of an officer from the issuing authority
- Front - A bird of national interest and the Coat of Arms
- Reverse - Scene on the back with the “Twin Towers” with exception of CHOGM $100 POS International Waterfront Centre
TT dollars in circulation

• Have unique and different colours for each denomination
• 3 series
  - 1985 series notes
    Signatures of Euric Bobb, William Demas, Ainsworth Harewood and Winston Dookeran
  - 2002 series notes
    Signatures of Winston Dookeran, Ewart Williams
  - 2006 series notes (95% of notes in circulation)
    Signature of Ewart Williams, Jwala Rambarran and Alvin Hilaire
  - 2015 polymer note
    Signature of Jwala Rambarran
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Do YOU Know?

- *Where* are Trinidad and Tobago banknotes made?
- *What* are they made of?
- *How* are they made?
Where are they made?

De La Rue Currency
Paper Mill, Overton
Where are they made?

- Overton, Hampshire
  - De La Rue Currency HQ
  - Banknote Paper

- Westhoughton, Lancashire
  - Security Threads
  - Polymer/Hologram

- Gateshead, Tyne & Weir
  - Banknote Printing

- Debden, Essex
  - Banknote Printing
What are they made of?

Cotton (Paper) $1, 5, 10, 20, 100
Polymer $50

Inks (4 Processes)

Coated Plastic (Security Thread)

Metallic foil
Printing

1. Offset (Lithographic)
2. Screen print
3. Direct Print (Intaglio)
4. Letterpress
5. Foiling
6. Varnishing – polymer
Print process 1: Offset (Lithographic) Printing
1. Offset (Lithographic) Printing

Pyramid®

Duplex
2. Screen printing
3. Intaglio ("DP") Print
3. Intaglio ("DP") Print
4. Letterpress (Numbering) Print
5. Foil application
6. Varnishing (polymer)
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HOUSE RULES

During this presentation you will be LOANED:

- Ultra-violet lights
- Magnifiers
- Specimen Banknotes

Please ensure that these are returned at the end of the sessions.

THANK YOU FOR YOUR COOPERATION!
Top tips:

1. Examine the specimen banknotes
2. Hold up to the light and look for:
   i) Watermark/Window (Individual bird)
   ii) Electrotype/Mask (e.g. “20”/ “50”)
   iii) Security thread (CBTT + denomination e.g. “100”)
3. Tilt (Hologram 100/ Spark Orbital 50)
4. Use UV lamps and magnifying lenses wherever possible
How to authenticate your banknotes

FEEL
LOOK
TILT
CHECK
How to authenticate your banknotes

- How do I know if a note is genuine?
  - Feel the paper note: smooth, crackly
  - Intaglio gives a bumpy relief printing
How to authenticate your banknotes

• How do I know if a note is genuine?
  – Feel the note
  – Look

  • In paper for the watermark (individual bird) and electrotype (individual denomination)

  • In polymer for the window and mask feature
How to authenticate your banknotes

- How do I know if a note is genuine?
  - Feel the note
  - Look for the watermark (individual bird) and for the electrotype (individual denomination)
  - In paper for the security thread
How to authenticate your banknotes

- How do I know if a note is genuine?
  - Feel the note
  - Look for the watermark (individual bird)
  - Look for the electrotype (individual denomination)
  - Look for the security thread
  - Tilt the note for the hologram and spark orbital
How to authenticate your banknotes

• How do I know if a note is genuine?
  – Feel the note
  – Look for the watermark (individual bird)
  – Look for the electrotype (individual denomination)
  – Look for the security thread
  – Tilt the note for the hologram
  – Check for UV-reactive elements
CHECK - UV

Paper

Polymer
How to authenticate your banknotes

- How do I know if a note is genuine?
  - Feel the note
  - Look for the watermark/window (individual bird)
  - Look for the electrotype/mask (individual denomination)
  - Look for the security thread on paper notes
  - Tilt the note for the hologram/Spark orbital
  - Check for UV-reactive elements
  - Check for fine lines not dots
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Final word

• Counterfeiting is a permanent threat but prominent security features assist in early detection of counterfeits.

• If you receive a counterfeit pass it immediately to your superiors at work, or to the Police

• Remember it is illegal to use or pass on counterfeits!

Central Bank contact details:
Telephone: +1 868 625 4835 extension 2343/2541
THANK YOU!