Day Trading the Currency Market

Technical and Fundamental Strategies To Profit from Market Swings

KATHY LIEN



Day Trading the Currency Market

Founded in 1807, John Wiley & Sons is the oldest independent publishing company in the United States. With offices in North America, Europe, Australia, and Asia, Wiley is globally committed to developing and marketing print and electronic products and services for our customers' professional and personal knowledge and understanding.

The Wiley Trading series features books by traders who have survived the market's ever changing temperament and have prospered—some by reinventing systems, others by getting back to basics. Whether a novice trader, professional, or somewhere in-between, these books will provide the advice and strategies needed to prosper today and well into the future.

For a list of available titles, please visit our Web site at www.wileyfinance.com.

Day Trading the Currency Market

Technical and Fundamental Strategies To Profit from Market Swings

KATHY LIEN



Copyright © 2006 by Kathy Lien. All rights reserved.

Published by John Wiley & Sons, Inc., Hoboken, New Jersey. Published simultaneously in Canada.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted under Section 107 or

108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 646-8600, or on the web at www.copyright.com. Requests to the Publisher for permission should be addressed to the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, (201) 748-6011, fax (201) 748-6008, or online at http://www.wiley.com/go/permissions.

Limit of Liability/Disclaimer of Warranty: While the publisher and author have used their best efforts in preparing this book, they make no representations or warranties with respect to the accuracy or completeness of the contents of this book and specifically disclaim any implied warranties of merchantability or fitness for a particular purpose. No warranty may be created or extended by sales representatives or written sales materials. The advice and strategies contained herein may not be suitable for your situation. You should consult with a professional where appropriate. Neither the publisher nor author shall be liable for any loss of profit or any other commercial damages, including but not limited to special, incidental, consequential, or other damages.

For general information on our other products and services or for technical support, please contact our Customer Care Department within the United States at (800) 762-2974, outside the United States at (317) 572-3993 or fax (317) 572-4002.

Wiley also publishes its books in a variety of electronic formats. Some content that appears in print may not be available in electronic books. For more information about Wiley products, visit our web site at www.wiley.com.

Library of Congress Cataloging-in-Publication Data:

Lien.	Kathy,	1980 -

Day trading the currency market : technical and fundamental strategies to profit from market swings / Kathy Lien.

p. cm.—(Wiley trading series) Includes index. ISBN-13: 978-0-471-71753-9 (cloth) ISBN-10: 0-471-71753-3 (cloth)

1. Foreign exchange futures. 2. Foreign exchange market. 3. Speculation. I. Title. II. Series.

HG3853.L54 2006 332.4'5—dc22

2005016421

Printed in the United States of America.

 $10 \hspace{0.2cm} 9 \hspace{0.2cm} 8 \hspace{0.2cm} 7 \hspace{0.2cm} 6 \hspace{0.2cm} 5 \hspace{0.2cm} 4 \hspace{0.2cm} 3 \hspace{0.2cm} 2 \hspace{0.2cm} 1$

Contents

Preface	
Acknowledgments	XV
CHAPTER 1 Foreign Exchange—The Fastest- Growing Market of Our Time	1
Effects of Currencies on Stocks and Bonds	1
EUR/USD and Corporate Profitability	2
Nikkei and U.S. Dollar	2
George Soros	3
Chinese Yuan Revaluation and Bonds	3
Comparing the FX Market with Futures and Equitie	s 4
FX versus Equities	5
FX versus Futures	11
Who Are the Players in the FX Market?	15
Centralized Markets	15
Hierarchy of Participants in Decentralized Market	16
CHAPTER 2 Historical Events in the FX Marke	t 19
Bretton Woods: Anointing the Dollar as the	
World Currency (1944)	19
End of Bretton Woods: Free Market Capitalism	
Is Born (1971)	21
Plaza Accord—Devaluation of U.S. Dollar (1985)	22
George Soros—The Man Who Broke the Bank	
of England	25
The United Kingdom Joins the Exchange Rate Mechanism	25
Soros Bets Against Success of U.K. Involvement in ERM	26

Asian Financial Crisis (1997–1998)	27
The Bubble	28
Ballooning Current Account Deficits and	
Nonperforming Loans	29
Currency Crisis	29
Introduction of the Euro (1999)	31

Chapter 3	What Moves the Currency Market in the Long Term?	35
Fundamenta	l Analysis	36
Capital and ⁻	Trade Flows	37
Capital Flow	s: Measuring Currency Bought and Sold	37
Trade Flows:	Measuring Exports versus Imports	40
Trading Tip:	Charting Economic Surprises	40
Technical An	alysis	42
Is Technical	Analysis or Fundamental Analysis Better?	43
Currency Fo	recasting—What Bookworms and	
Economis	ts Look At	44
Balance of Pa	ayments Theory	45
Purchasing P	Power Parity	48
Interest Rate	Parity	49
Monetary Mo	odel	50
Real Interest	Rate Differential Model	51
Asset Marke	t Model	53
Currency Sul	bstitution Model	55

Chapter 4	What Moves the Currency Market	
-	in the Short Term?	57
Relative Imp	oortance of Data Changes over Time	59
Gross Domestic Product—No Longer a Big Deal		60
How Can You	u Use This to Your Benefit?	60
Resource		62
A Deeper Lo	ok into the FX Market	62

Contents

Chapter 5	What Are the Best Times to Trade for Individual Currency Pairs?	63
Asian Sessio	Asian Session (Tokyo): 7 р.м.–4 а.м. EST	
U.S. Session	(New York): 8 а.м5 р.м. EST	66
European Se	ssion (London): 2 а.м.–12 р.м. EST	67
U.SEuropea	an Overlap: 8 а.м12 р.м. EST	69
European-As	sian Overlap: 2 A.M4 A.M. EST	70
Chapter 6	What Are Currency Correlations and How Do Traders Use Them?	71
Positive/Neg	gative Correlations: What They Mean	
and How t	to Use Them	71
Important Fa	act about Correlations: They Change	74
Calculating (Correlations Yourself	75
Chapter 7	Trade Parameters for Different Market Conditions	77
Keeping a Ti	rading Journal	77
Currency Pai		78
Trades That	I Am Waiting For	81
Existing or C	Completed Trades	82
Have a Tool	oox—Use What Works for the Current	
Market En	vironment	84
Step One-P	rofile Trading Environment	85
Range		86
Trend		87
Step Two—D	etermine Trading Time Horizon	89
Intraday Ran	ge Trade	89
	n Range Trade	89
	n Trend Trade	90
Medium-Terr	n Breakout Trade	90
Risk Manage		91
Risk-Reward		91
Stop-Loss Or	ders	91

vii

Psychological Outlook	94
Emotional Detachment	94
Know When to Take a Break	94
Chapter 8 Technical Trading Strategies	97
Multiple Time Frame Analysis	97
Fading the Double Zeros	103
Strategy Rules	104
Market Conditions	105
Further Optimization	105
Examples	105
Waiting for the Real Deal	108
Strategy Rules	109
Examples	110
Inside Day Breakout Play	112
Strategy Rules	113
Further Optimization	114
Examples	114
The Fader	117
Strategy Rules	118
Further Optimization Examples	118 119
Filtering False Breakouts Strategy Rules	120
Examples	121
Channel Strategy	123
Examples	125
Perfect Order	126
Examples	128
Chapter 9 Fundamental Trading Strategies	131
Picking the Strongest Pairing	131
Leveraged Carry Trade	135
How Do Carry Trades Work?	135
Why Do Carry Trades Work?	136
When Do Carry Trades Work Best? When Will Carry Trades Not Work?	138 139
Importance of Risk Aversion	139
Other Things to Bear in Mind When Considering a Carry Trade	140

viii

Fundamental Trading Strategy: Staying on Top	
of Macroeconomic Events	143
G-7 Meeting, Dubai, September 2003	144
Political Uncertainty: 2004 U.S. Presidential Election	145
Wars: U.S. War in Iraq	146
Commodity Prices as a Leading Indicator	147
The Relationship	148
Trading Opportunity	151
Using Bond Spreads as a Leading Indicator for FX	152
Interest Rate Differentials: Leading Indicator, Coincident Indicator,	
or Lagging Indicator?	152
Calculating Interest Rate Differentials and	
Following the Currency Pair Trends	154
Fundamental Trading Strategy: Risk Reversals	155
What Does a Risk Reversal Table Look Like?	156
How Can You Use This Information?	156
Examples	157
Using Option Volatilities to Time Market Movements	158
Rules	159
Why Do These Rules Work?	159
Who Can Benefit from These Rules?	161
Tracking Volatilities on Your Own	161
Fundamental Trading Strategy: Intervention	162
Japan	163
Eurozone	166
Chapter 10 Profiles and Unique Characteristics	
of Major Currency Pairs	169
Currency Profile: U.S. Dollar (USD)	169
Broad Economic Overview	169
Monetary and Fiscal Policy Makers—The Federal Reserve	171
Important Characteristics of the U.S. Dollar	173
Important Economic Indicators for the United States	176
Currency Profile: Euro (EUR)	179
Broad Economic Overview	179
Monetary and Fiscal Policy Makers—The European	
Central Bank	181
Important Characteristics of the Euro	183
Important Indicators for the Euro	185

Currency Profile: British Pound (GBP)	187
Broad Economic Overview	187
Monetary and Fiscal Policy Makers—Bank of England	190
Important Characteristics of the British Pound	191
Important Economic Indicators for the United Kingdom	194
Currency Profile: Swiss Franc (CHF)	196
Broad Economic Overview	196
Monetary and Fiscal Policy Makers—Swiss National Bank	197
Important Characteristics of the Swiss Franc	198
Important Economic Indicators for Switzerland	201
Currency Profile: Japanese Yen (JPY)	202
Broad Economic Overview	202
Japan's Bubble Burst	203
Monetary and Fiscal Policy Makers—Bank of Japan	204
Important Characteristics of the Japanese Yen	206
Important Economic Indicators for Japan	208
Currency Profile: Australian Dollar (AUD)	209
Broad Economic Overview	209
Monetary and Fiscal Policy Makers—Reserve Bank	
of Australia	211
Important Characteristics of the Australian Dollar	214
Important Economic Indicators for Australia	215
Currency Profile: New Zealand Dollar (NZD)	216
Broad Economic Overview	216
Monetary and Fiscal Policy Makers—Reserve Bank of	
New Zealand	218
Important Characteristics of the New Zealand Dollar	219
Important Economic Indicators for New Zealand	222
Currency Profile: Canadian Dollar (CAD)	223
Broad Economic Overview	223
Monetary and Fiscal Policy Makers—Bank of Canada	224
Important Characteristics of the Canadian Dollar	226
Important Economic Indicators for Canada	228
About the Author	231
Index	233

Preface

ooking for a good book on currency trading? After having taught seminars across the country on how to trade currencies, I am repeatedly approached by avid traders who are serious about learning the foreign exchange (FX) market and want recommendations for good currency trading books. Day Trading the Currency Market addresses this need by not only providing technical and fundamental strategies for trading FX, but also by giving traders a more detailed insight into how the currency market works. This book is designed for both the beginner and the advanced trader. There is something for every type of reader. In this book, I try to accomplish two major goals—to touch on the major FX market basics or currency characteristics that all traders and particularly day traders need to know, as well as to give you actionable strategies on which to actually base some of your trading strategies. Day Trading the Currency Market goes beyond what every other currency trading book covers and delves into such interesting topics as "What are the most market moving indicators for the U.S. dollar?" and "What are currency correlations and how do traders use them?"

Here's a brief road map to whet your appetite on the topics covered.

FOREIGN EXCHANGE—THE FASTEST-GROWING MARKET OF OUR TIME

If you are wondering whether you should get into the FX market, take a look at some of the reasons why the largest market in the world has always been the market of choice for the big players such as hedge funds and institutional investors. Learn about why the FX market has exploded over the past three years and the advantages that the FX spot market has over the more traditional equities and futures markets—something that the most seasoned traders of the world have known for decades.

HISTORICAL EVENTS IN THE FX MARKET

How can you trade the currency market without knowing some of the major milestones that helped to shape the market into what it has become today? There are countless events that are still talked about and brought up despite the many years that have passed since they occurred. This chapter covers Bretton Woods, the end of the Bretton Woods, the Plaza Accord, George Soros and how he came to fame, the Asian financial crisis, the launch of the euro, and the burst of the technology bubble.

WHAT MOVES THE CURRENCY MARKET IN THE LONG TERM?

What moves the currency market is probably one of the best questions to ask for new traders. Currency movements can be dissected into short-term and long-term movements. This chapter covers some of the more macro longer-term factors that impact currency prices. The reason why this chapter was thrown in is to keep traders from losing sight of the bigger picture and how these longer-term factors on both a technical and a fundamental basis will always come back into play regardless of the shorter-term fluctuations. We also explore the different valuation models for forecasting currency rates, which can help more quantitative fundamental traders to develop their own methodologies for predicting currency movements.

WHAT MOVES THE CURRENCY MARKET IN THE SHORT TERM?

For day traders, knowing which pieces of U.S. data move the market the most is extremely valuable. System traders need to know when it is worth-while to turn their systems off, while breakout traders will want to know where to place their big bets based on what economic releases typically set off the largest movements. This section not only ranks the importance of U.S. data, but it also reports on the knee-jerk reaction in pip values and whether there is usually a follow-through over the remainder of the day.

WHAT ARE THE BEST TIMES TO TRADE FOR INDIVIDUAL CURRENCY PAIRS?

Timing is everything in currency trading. In order to devise an effective and time-efficient investment strategy, it is important to note the amount of market activity around the clock in order to maximize the number of trading opportunities during a trader's own market hours. This section outlines the typical trading activity of major currency pairs in different time zones to see when they are the most volatile.

WHAT ARE CURRENCY CORRELATIONS AND HOW DO TRADERS USE THEM?

Everything in the currency market is interrelated to some extent, and knowing the direction and how strong the relationships between different currency pairs are can be used to the advantage of all traders. When trading in the FX market, one of the most important facts to remember in creating a strategy is that no currency pair is isolated. Knowing how closely correlated the currency pairs are in your portfolio is a great way to measure exposure and risk. Many traders may find themselves thinking that they are diversifying their portfolios by investing in different currency pairs, but few realize that many pairs actually have a tendency to move in the same direction or opposite to each other historically. The correlations between pairs can be strong or weak and last for weeks, months, or even years, which makes learning how to use and calculate correlation data extremely important.

TRADE PARAMETERS FOR DIFFERENT MARKET CONDITIONS

The most important first step for any trader, regardless of the market that you are trading in, is to create a trading journal. However, the FX trading journal is not just any trading journal. Aside from the typical listing of your trade ideas and executed trades with targets and stops, the FX trading journal also teaches you how to create a currency pair checklist that takes approximately 10 minutes to fill out and gives you a near immediate insight on the exact technical picture for each currency pair. Trading effectively means having a game plan, and we systematically dissect a game plan for you in this chapter, teaching you how to first profile a trading environment and then know which indicators to apply for that trading environment.