IBM WebSphere™ Commerce

Sequence Diagrams

Version 54

IBM WebSphere™ Commerce

Sequence Diagrams

Version 54

Note:
Before using this information and the product it supports, be sure to read the general information under "Notices" on page 187.

First Edition (June 2002).

This edition applies to version 5.4 of IBM® WebSphere Commerce and to all subsequent releases and modifications until otherwise indicated in new editions. Make sure you are using the correct edition for the level of the product.

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Chapter 1. Introduction

The seequence diagrams in this book are provided as supplemental reference for some of the WebSphere Commerce commands. The sequence diagrams provided in this book are:

- "AddOrderItemComponents sequence diagram" on page 6
- "AllocateExistingInventory sequence diagram" on page 10
- "AllocateExpectedInventory sequence diagram" on page 14
- "ApplyCalculationUsage sequence diagram" on page 15
- "ApplyShippingChargebyCarrier sequence diagram" on page 17
- "AuditAddress sequence diagram" on page 19
- "AuditBase sequence diagram" on page 23
- "AutoApproveReturnItem sequence diagram" on page 27
- "CalculateRMAApproval sequence diagram" on page 29
- "CampaignInitiativeEvaluate sequence diagram" on page 30
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- "RetrievePrices sequence diagram" on page 178
- "SendWCSOrder sequence diagram" on page 182
- "SetBusinessEntity sequence diagram" on page 183
- "UserRegistrationAddCheckApproval sequence diagram (Business Edition only)" on page 185

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You can also find additional information on WebSphere Commerce commands in the online help.

Chapter 2. Assembling the sequence diagrams

Most of the sequence diagrams provided in this book are too large to be shown on a single letter-sized page. The diagrams are broken up across pages and can be assembled to produce a complete diagram.

Each figure that makes up a diagram has a caption that indicates the name of sequence diagram and the page number of the figure. If the diagram is larger than a single letter-sized page, a pair of numbers appear in parentheses after the caption. Here is a sample caption:

Figure 1. ApplyOrderAdjustments sequence diagram, 2 of 4 (1,2)

The numbers in parentheses at the end of the caption indicate the row and column position of page when laying out all pages of a sequence diagrams in a grid. The following diagram indicates the position of pages when laying them out for assembly:

(1,1)	**(1,2)**
(2,1)	**(2,2)**
(3,1)	**(3,2)**
(4,1)	**(4,2)**

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Sequence diagrams that span multiple pages have markings on each page that show where the pages overlap. Horizontal and vertical lines indicate where the page overlaps with one other page. Corners indicate where two or more pages intersect. The following sample diagram has the overlap markers on the page circled:

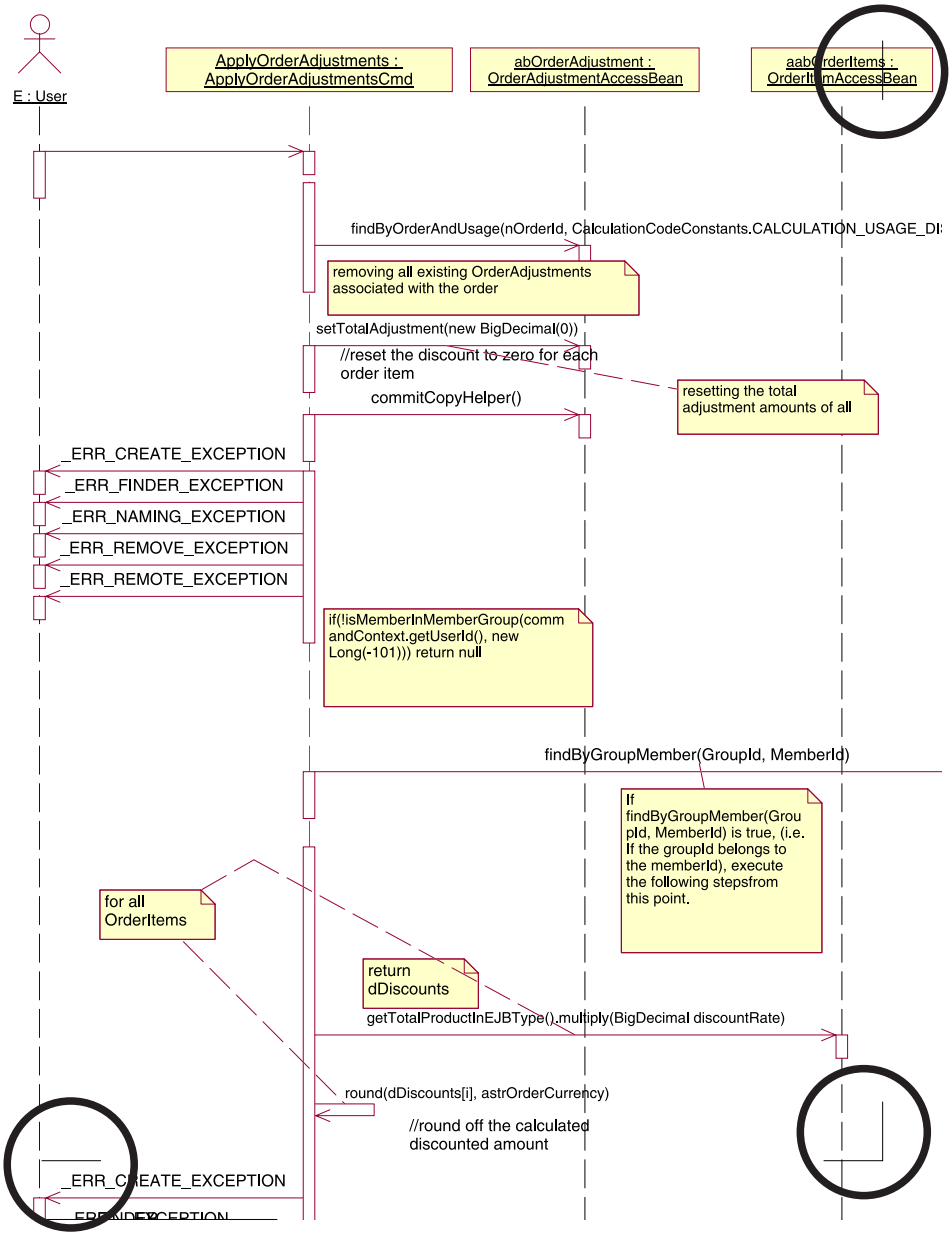

Figure 1. Sequence diagram showing overlap markers

Chapter 3. Sequence Diagrams

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AddOrderItemComponents sequence diagram

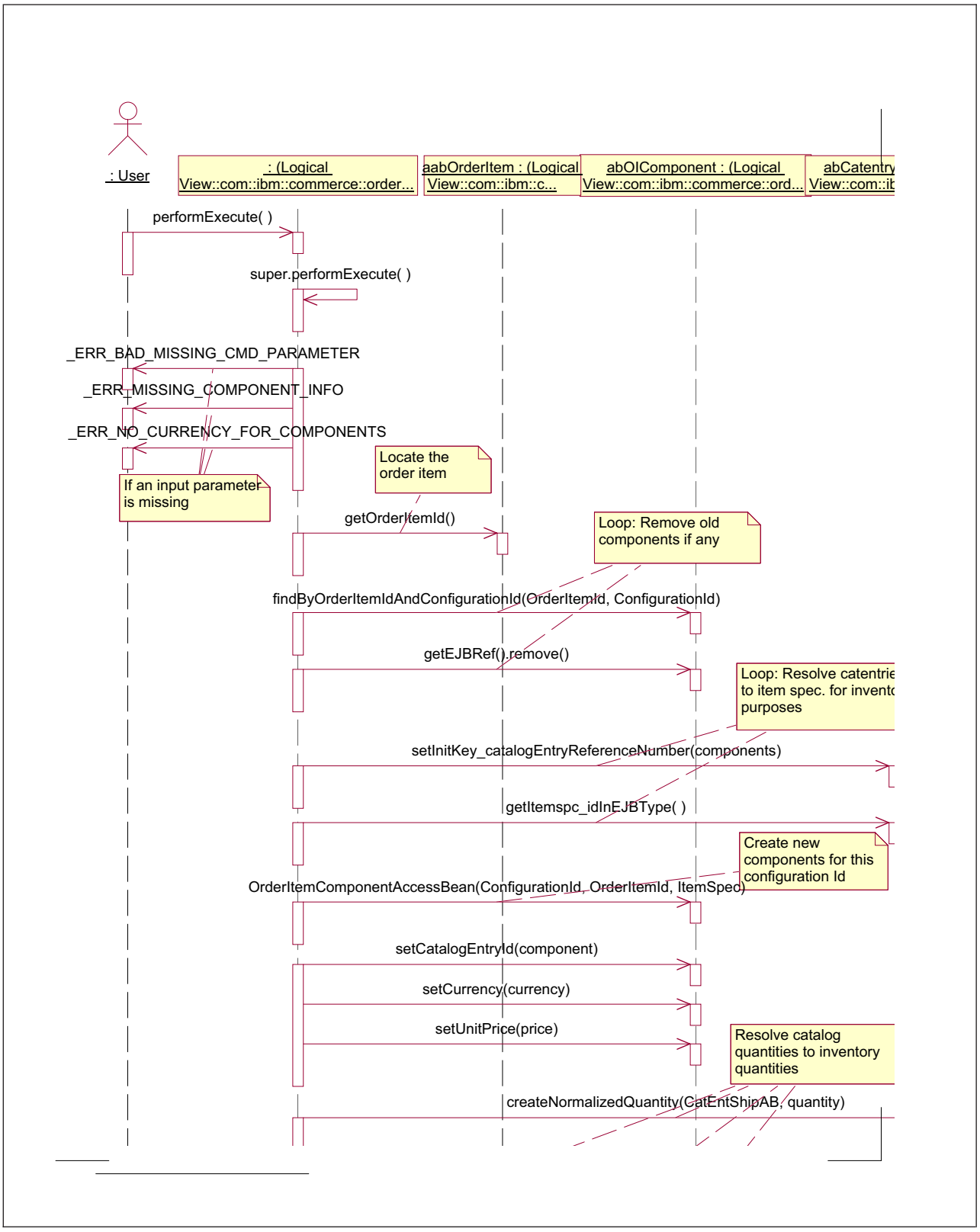

Figure 2. AddOrderItemComponents sequence diagram, 1 of 4 (1,1)

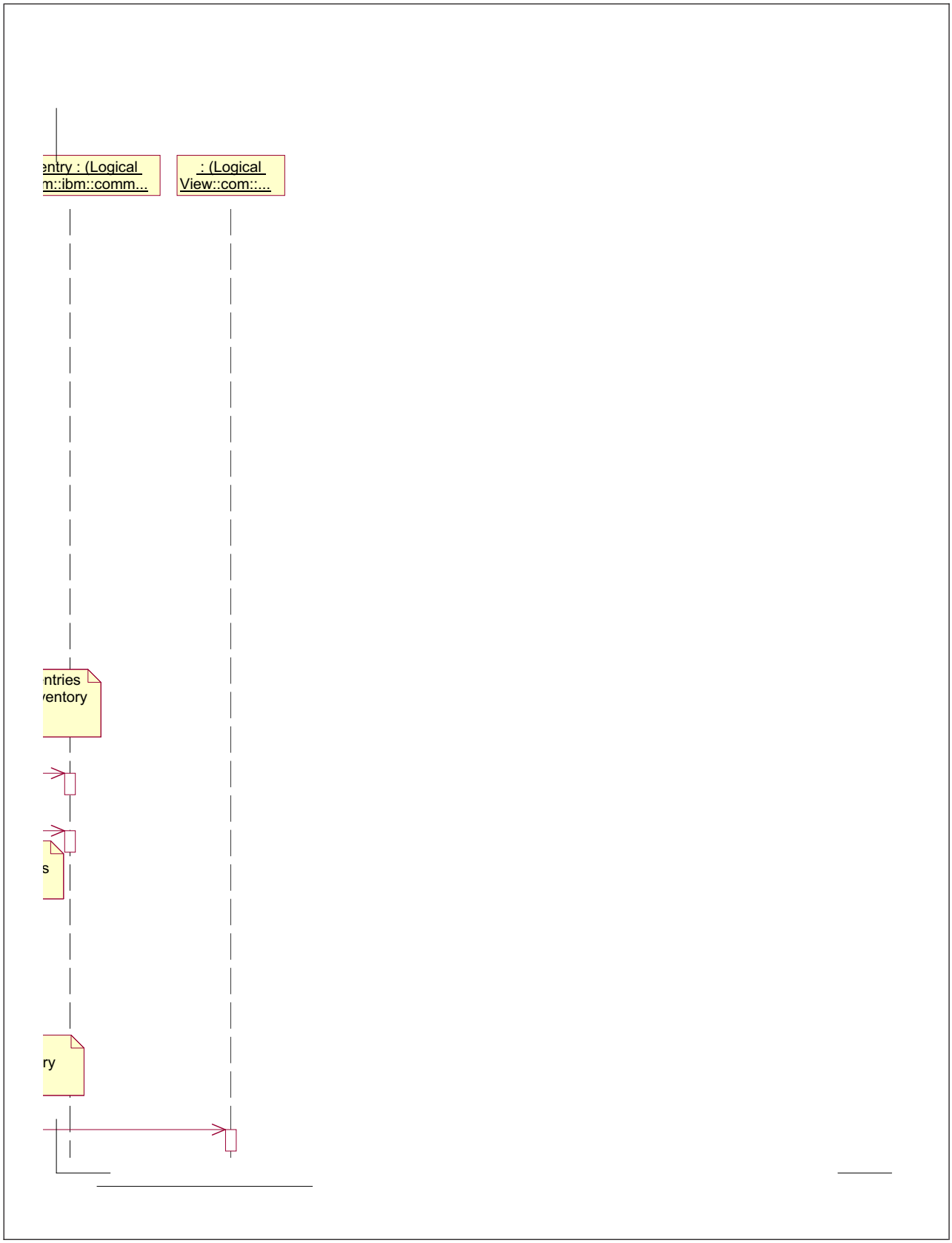

Figure 3. AddOrderItemComponents sequence diagram, 2 of 4 (1,2)

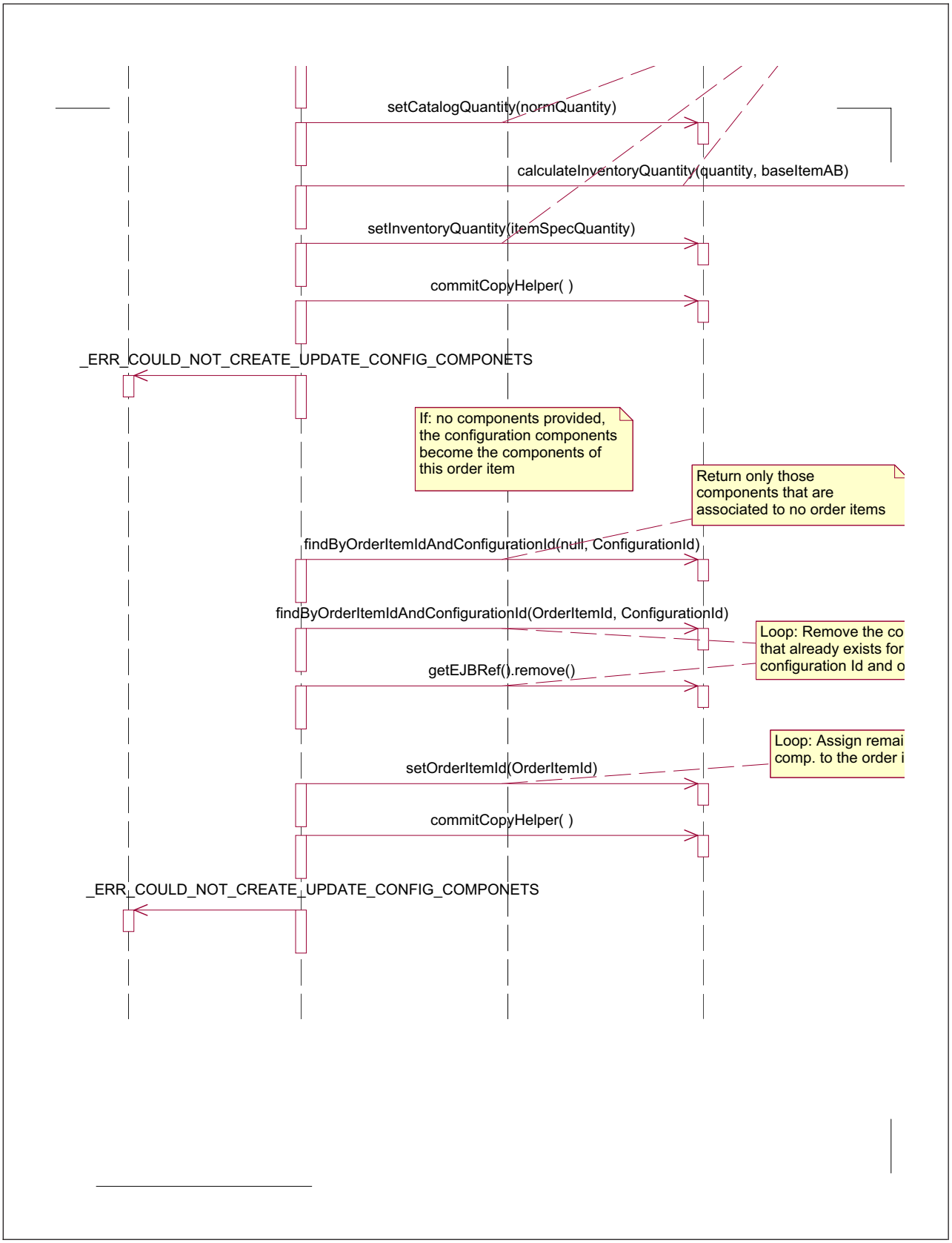

Figure 4. AddOrderItemComponents sequence diagram, 3 of 4 (2,1)

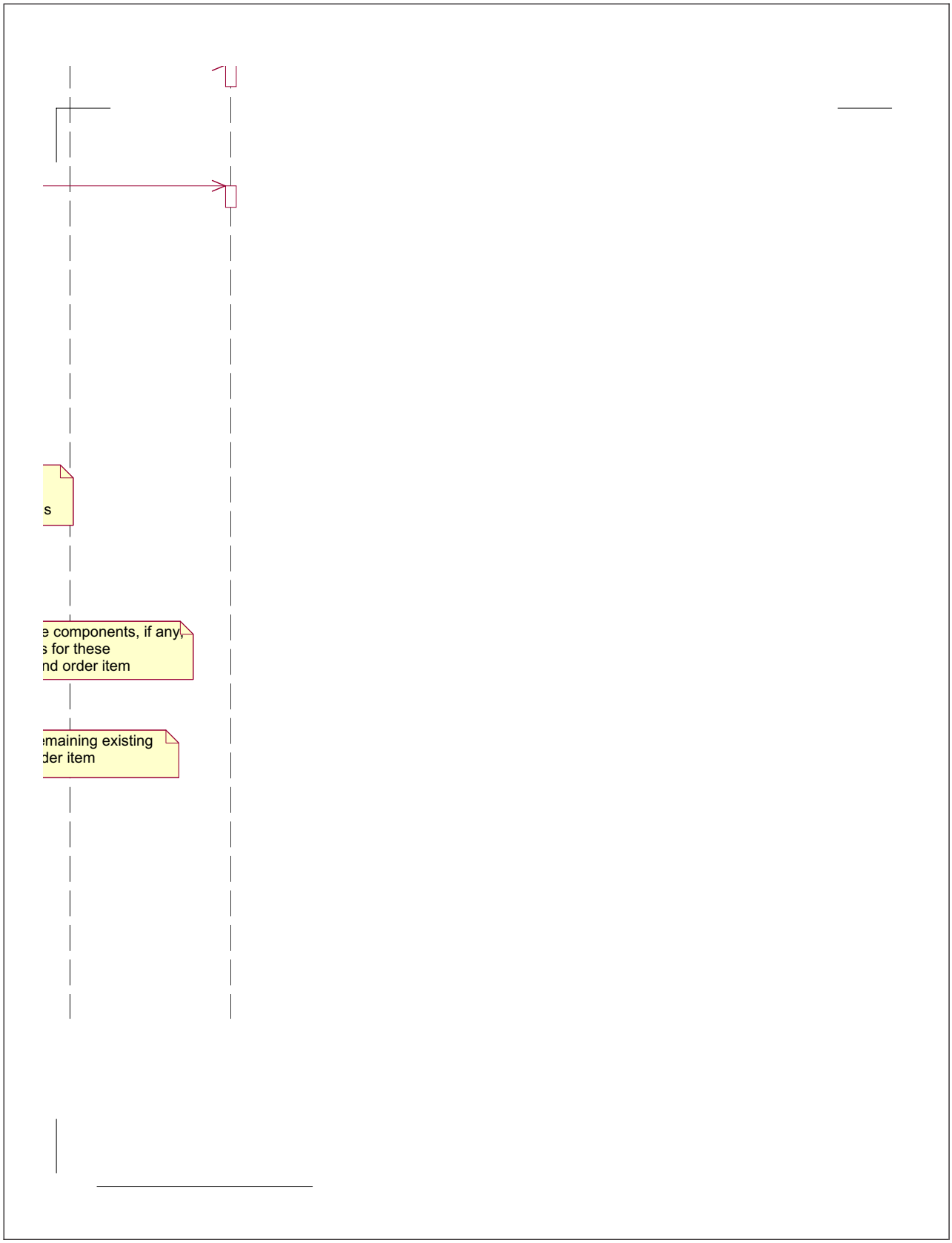

Figure 5. AddOrderItemComponents sequence diagram, 4 of 4 (2,2)

AllocateExistingInventory sequence diagram

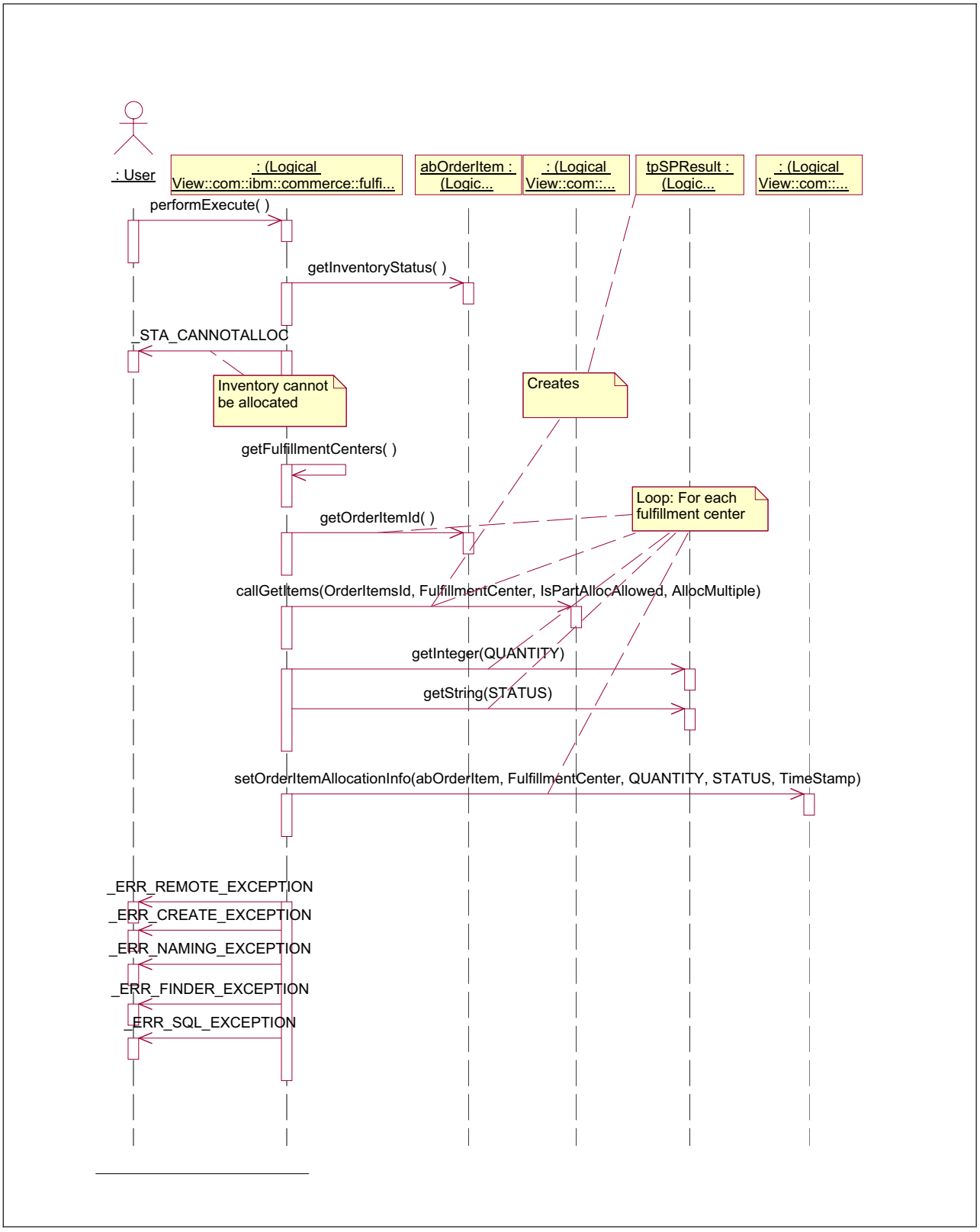

Figure 6. AllocateExistingInventory sequence diagram, 1 of 4 (1,1)

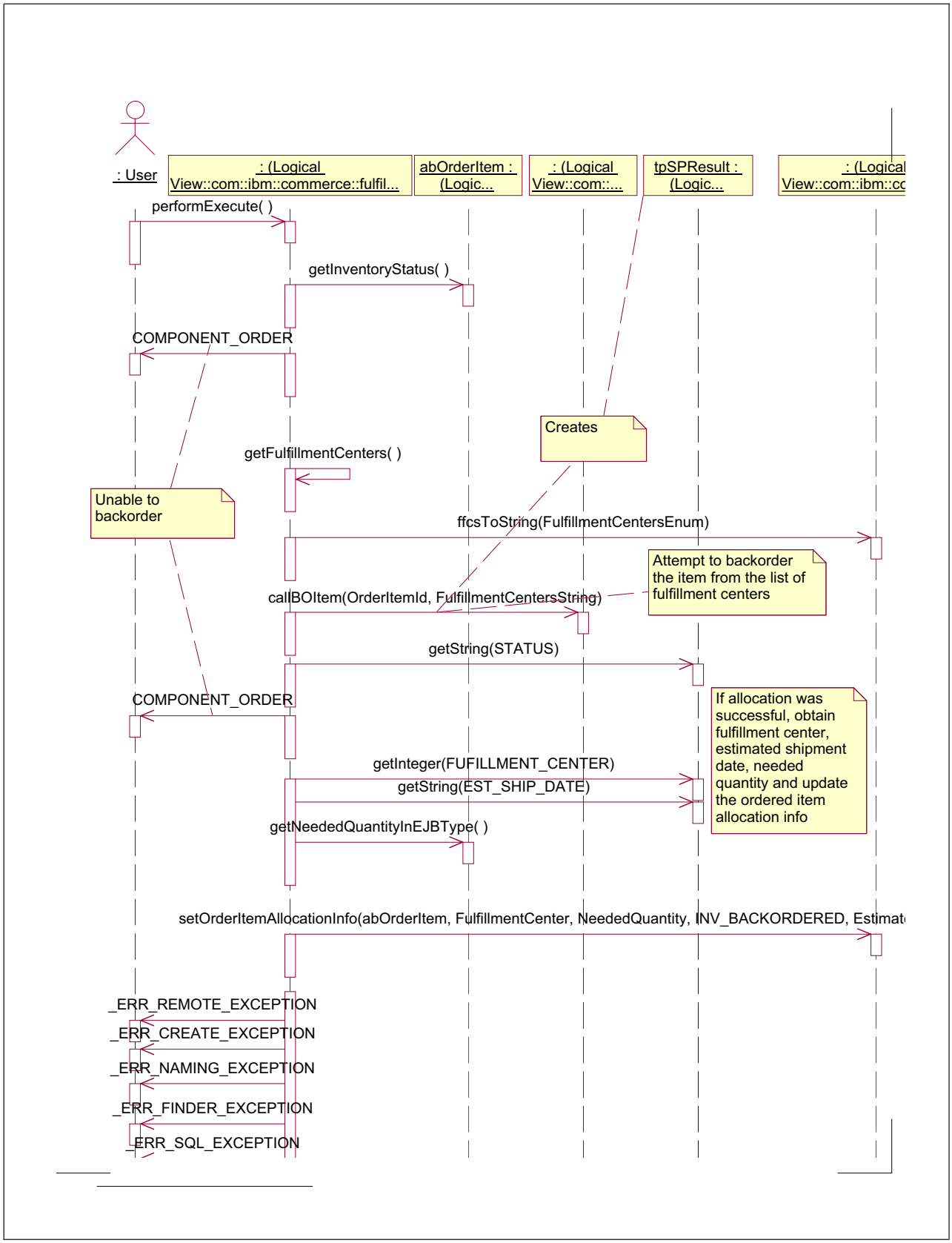

Figure 7. AddOrderItemComponents sequence diagram, 2 of 4 (1,2)

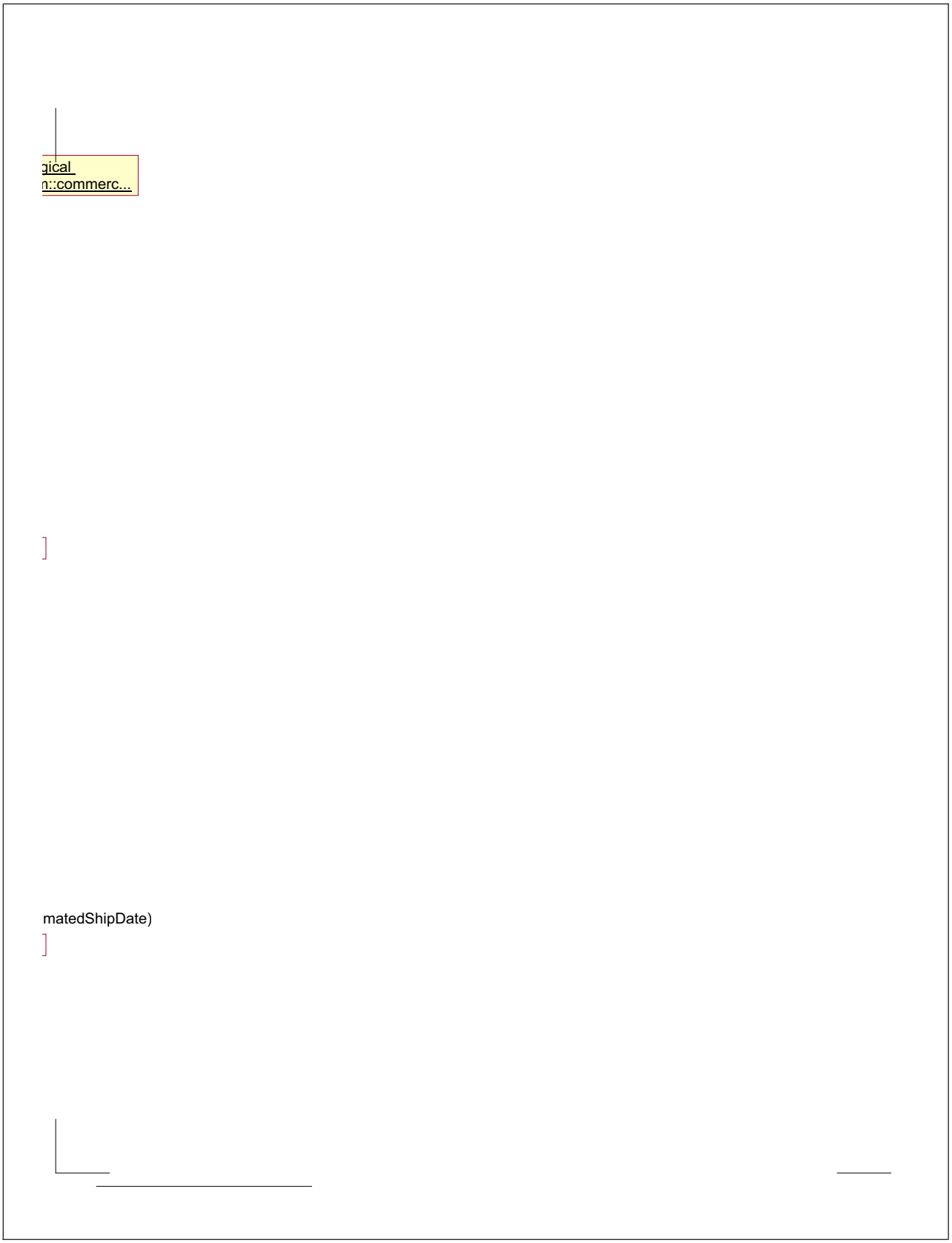

Figure 8. AddOrderItemComponents sequence diagram, 3 of 4 (2,1)

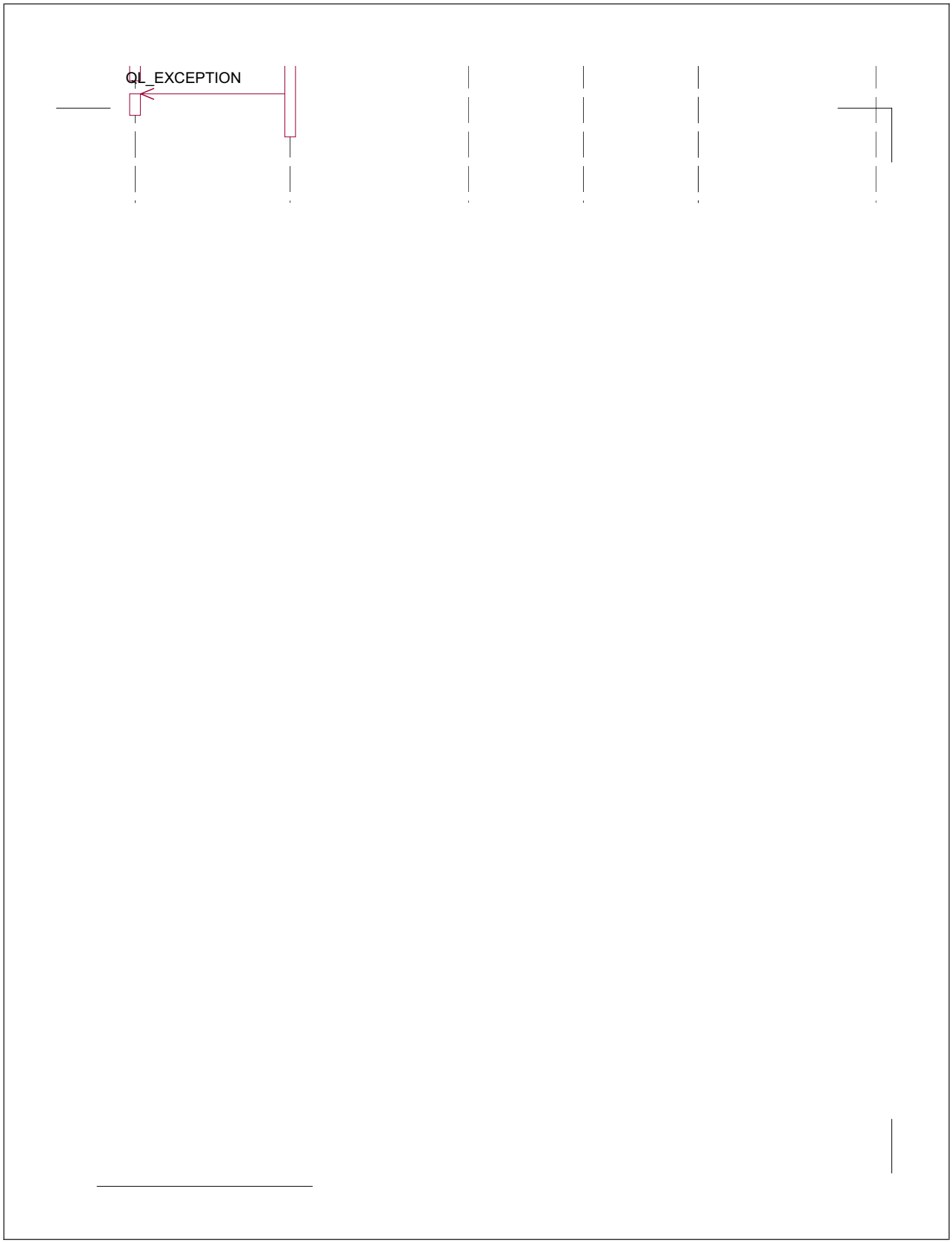

Figure 9. AddOrderItemComponents sequence diagram, 4 of 4 (2,2)

AllocateExpectedInventory sequence diagram

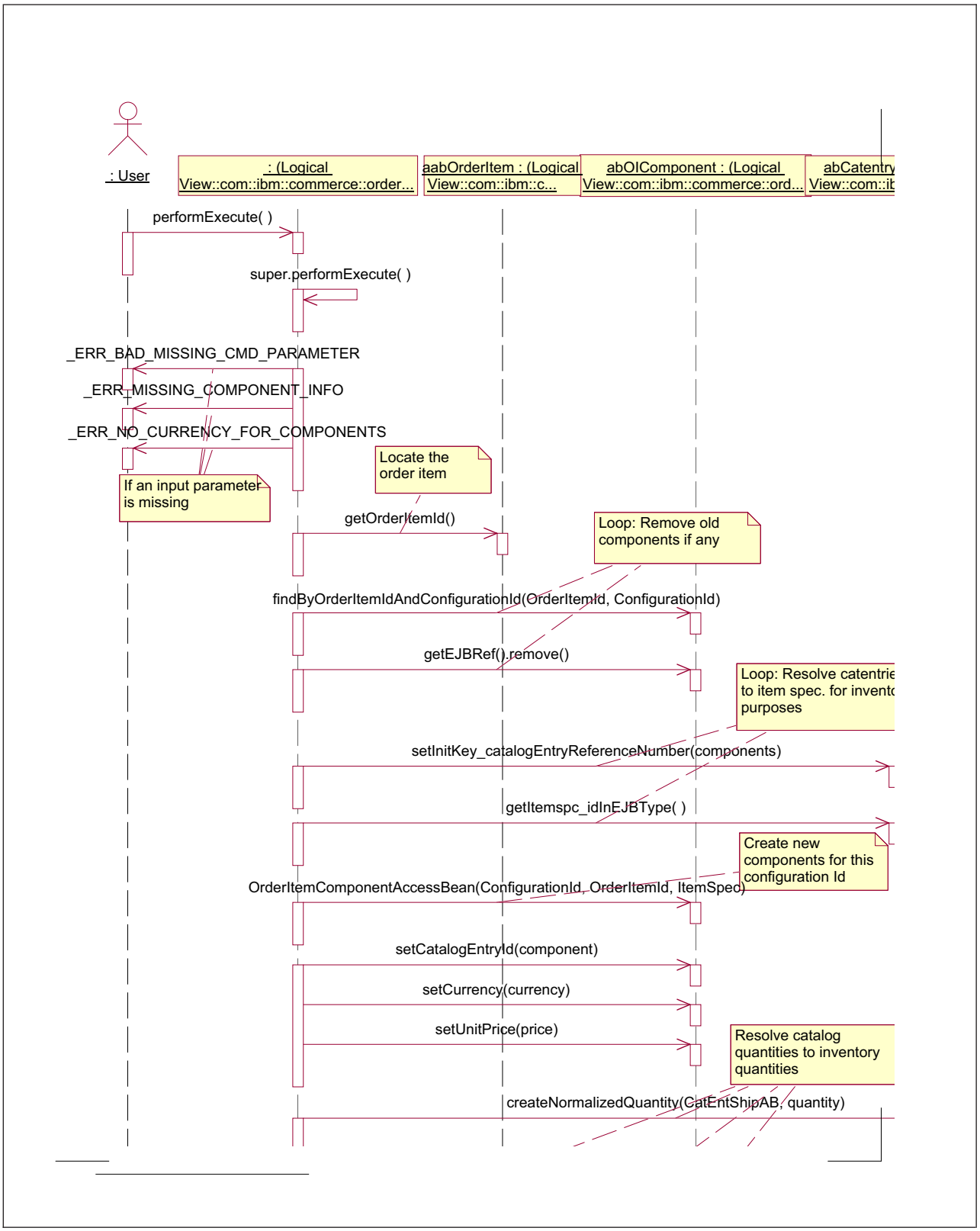

Figure 10. AllocateExistingInventory sequence diagram, 1 of 1 (1,1)

ApplyCalculationUsage sequence diagram

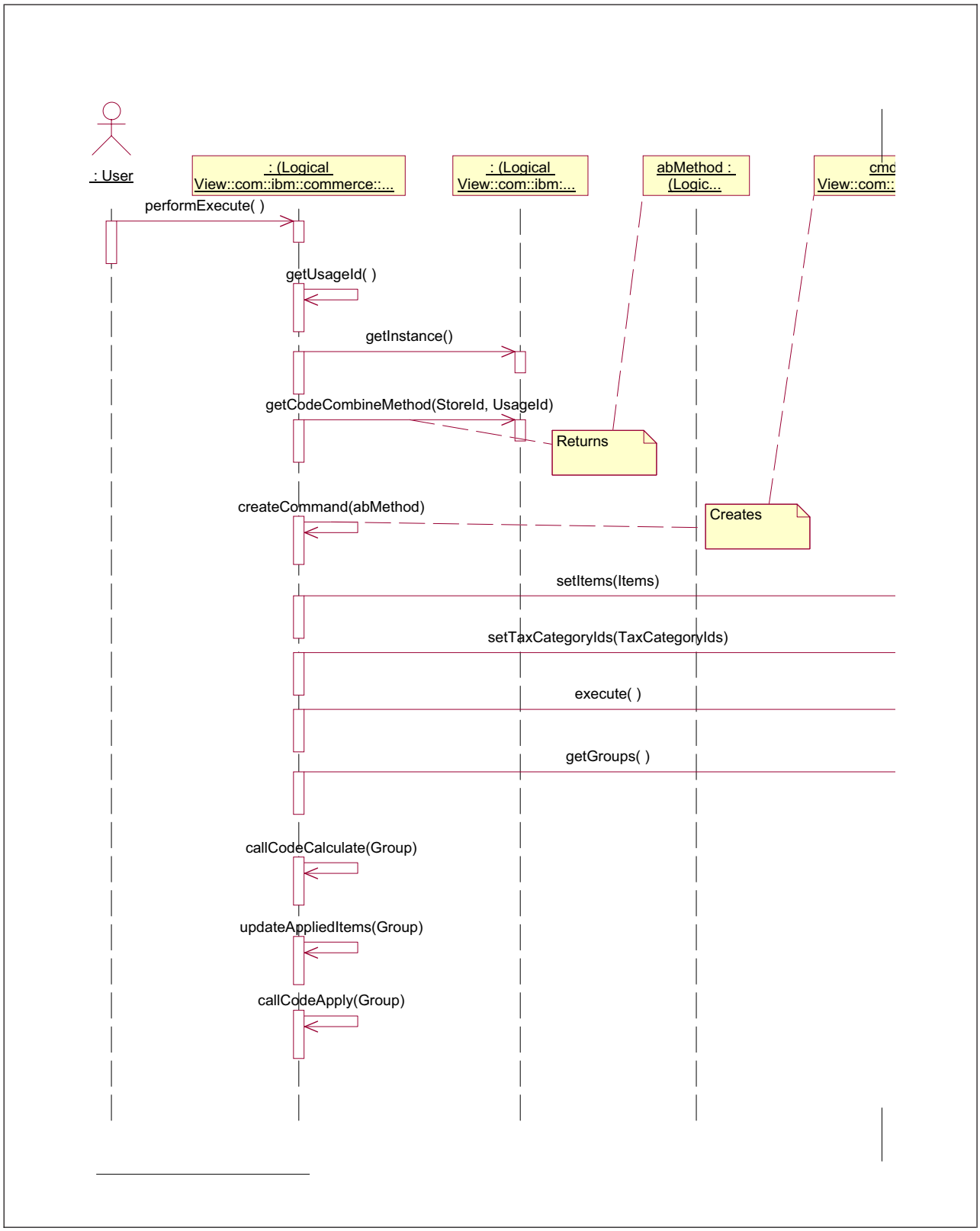

Figure 11. ApplyCalculationUsage sequence diagram, 1 of 2 (1,1)

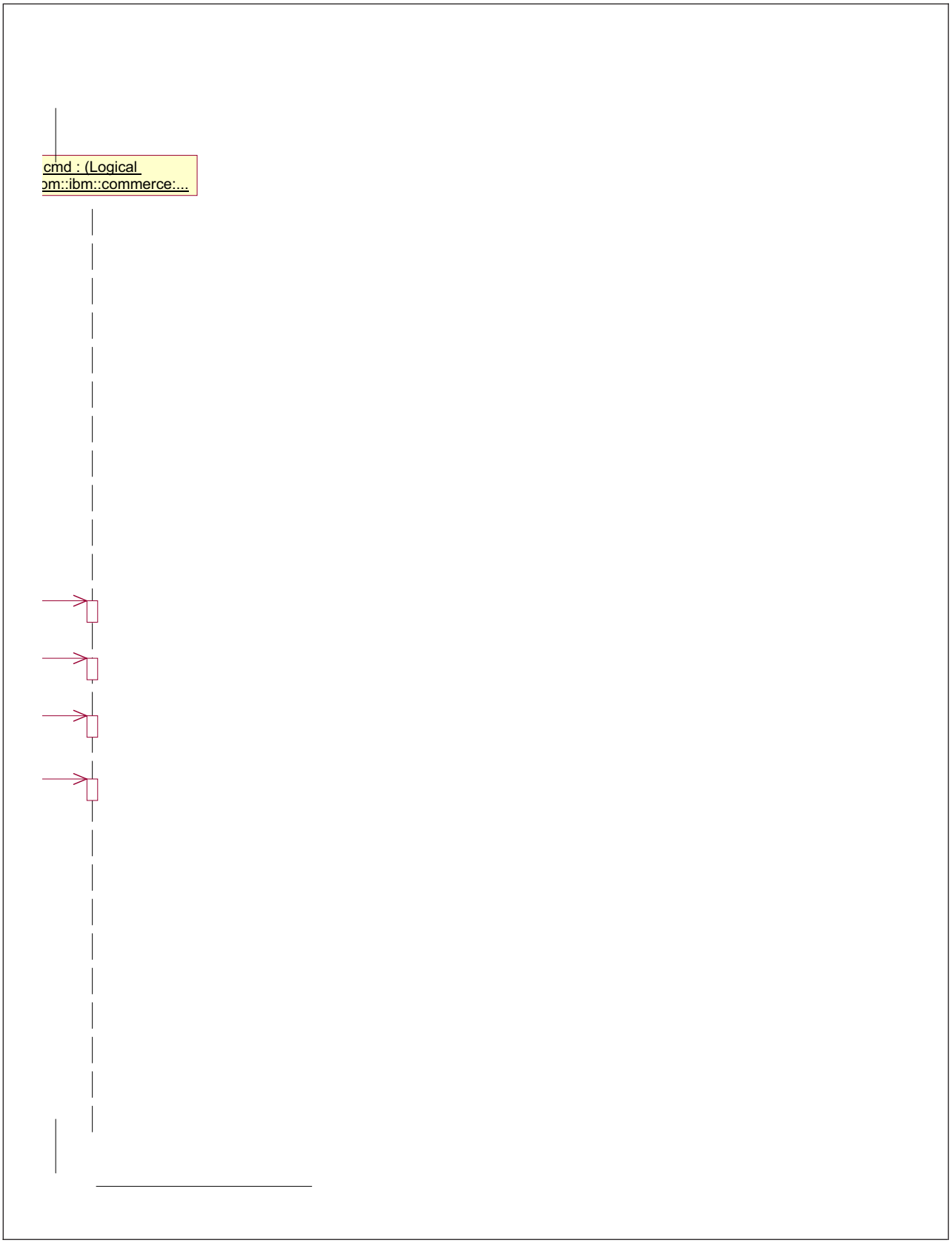

Figure 12. ApplyCalculationUsage sequence diagram, 2 of 2 (1,2)

ApplyShippingChargebyCarrier sequence diagram

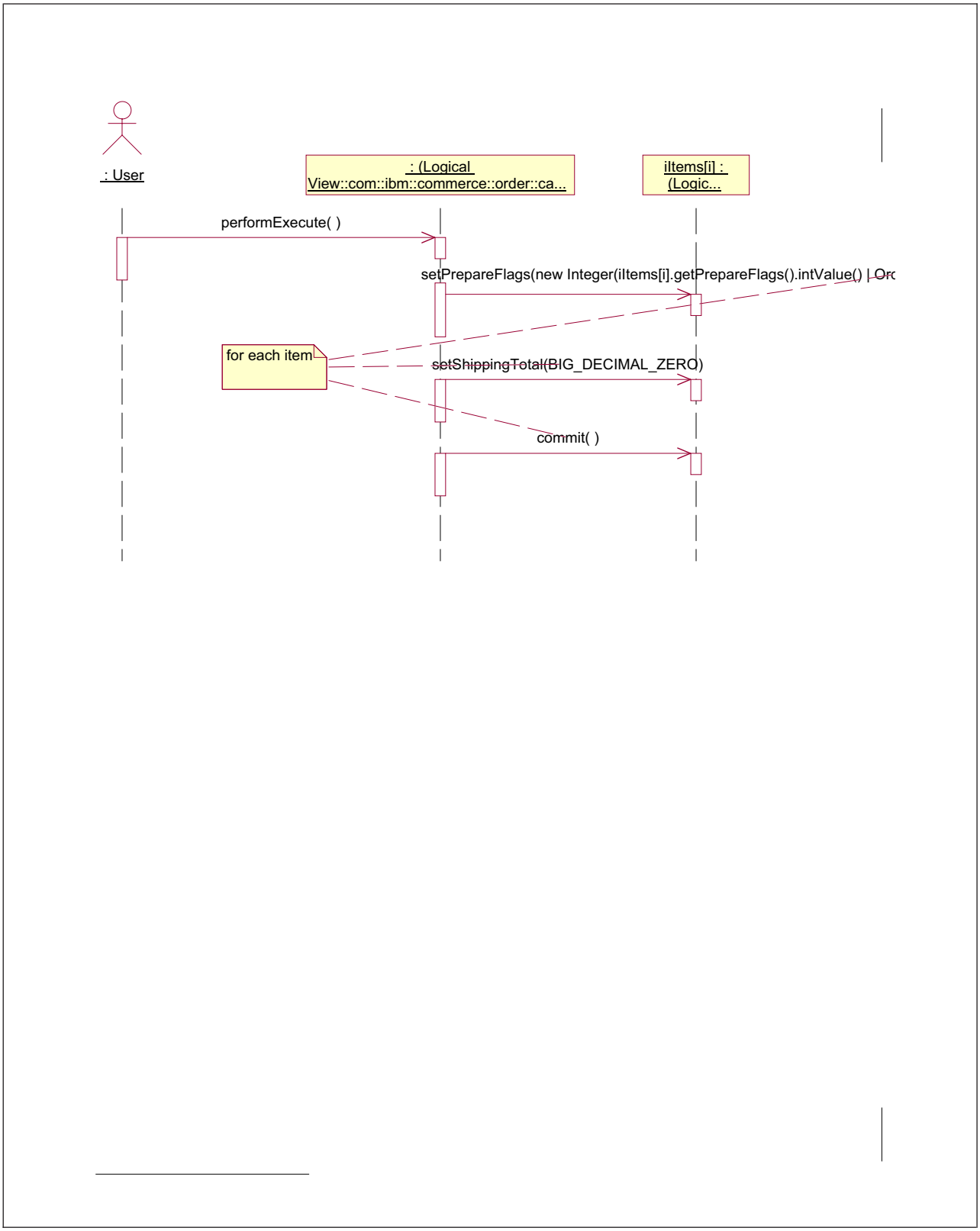

Figure 13. ApplyShippingChargebyCarrier sequence diagram, 1 of 2 (1,1)

Figure 14. ApplyShippingChargebyCarrier sequence diagram, 2 of 2 (1,2)

AuditAddress sequence diagram

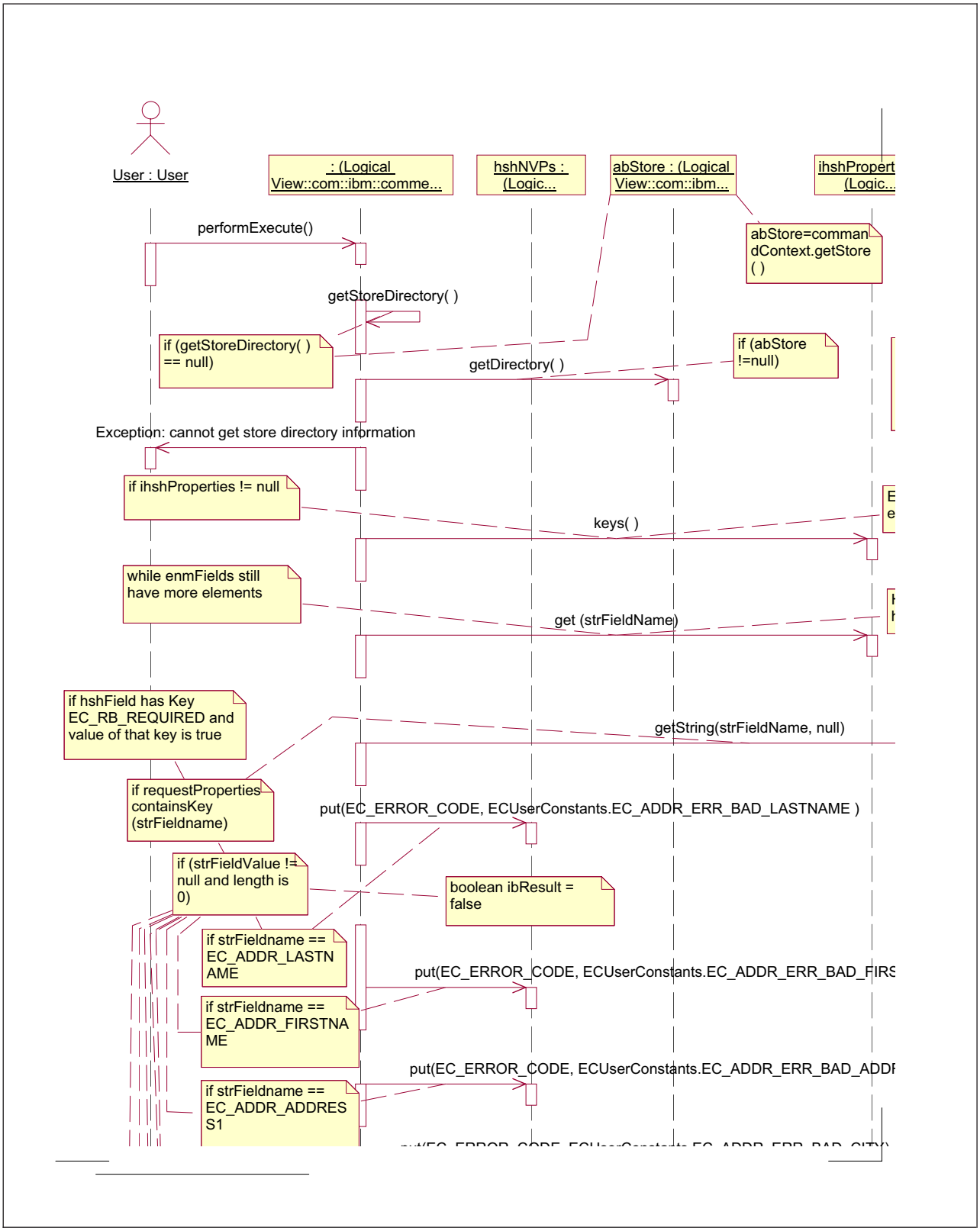

Figure 15. AuditAddress sequence diagram, 1 of 4 (1,1)

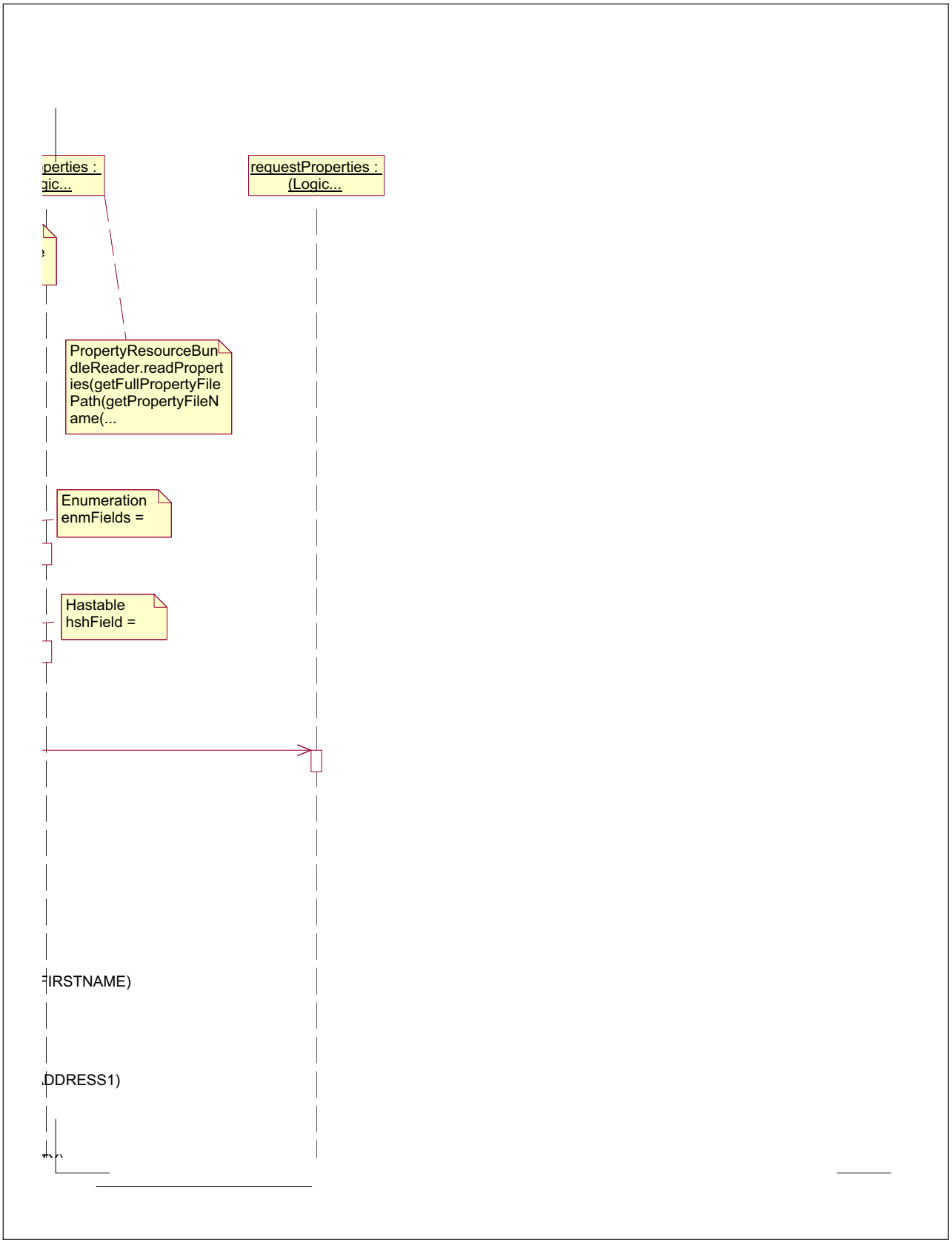

Figure 16. AuditAddress sequence diagram, 2 of 4 (1,2)

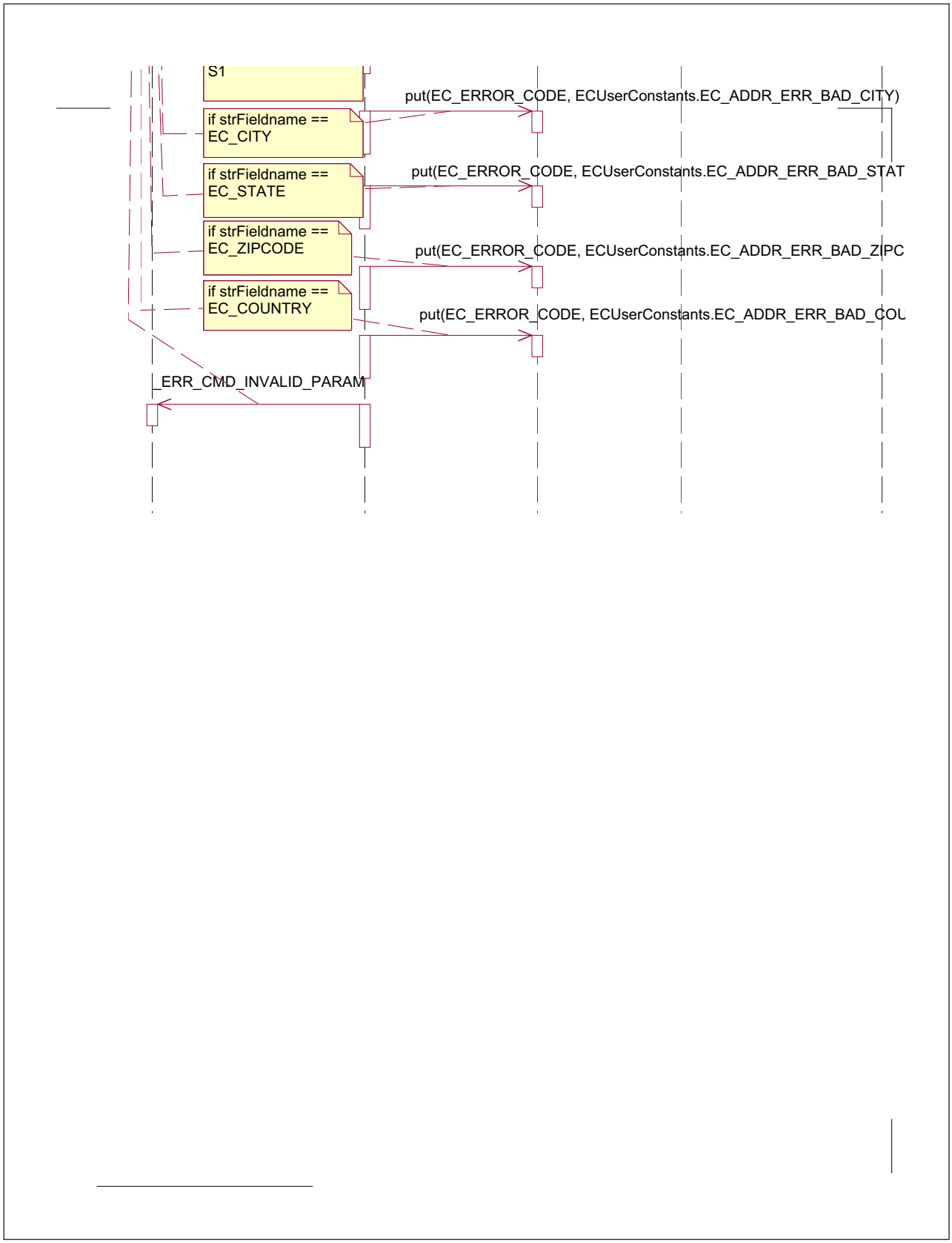

Figure 17. AuditAddress sequence diagram, 3 of 4 (2,1)

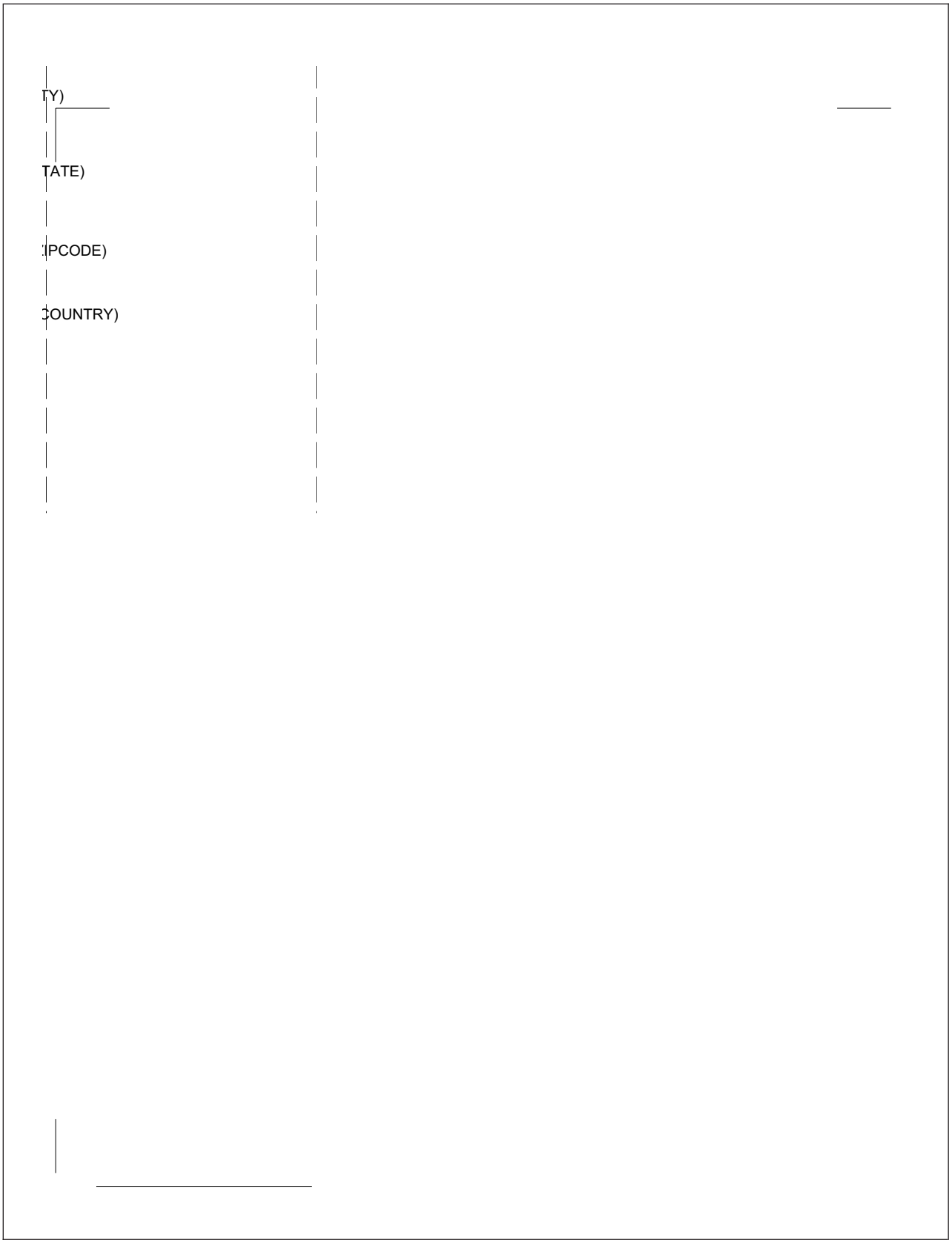

Figure 18. AuditAddress sequence diagram, 4 of 4 (2,2)

AuditBase sequence diagram

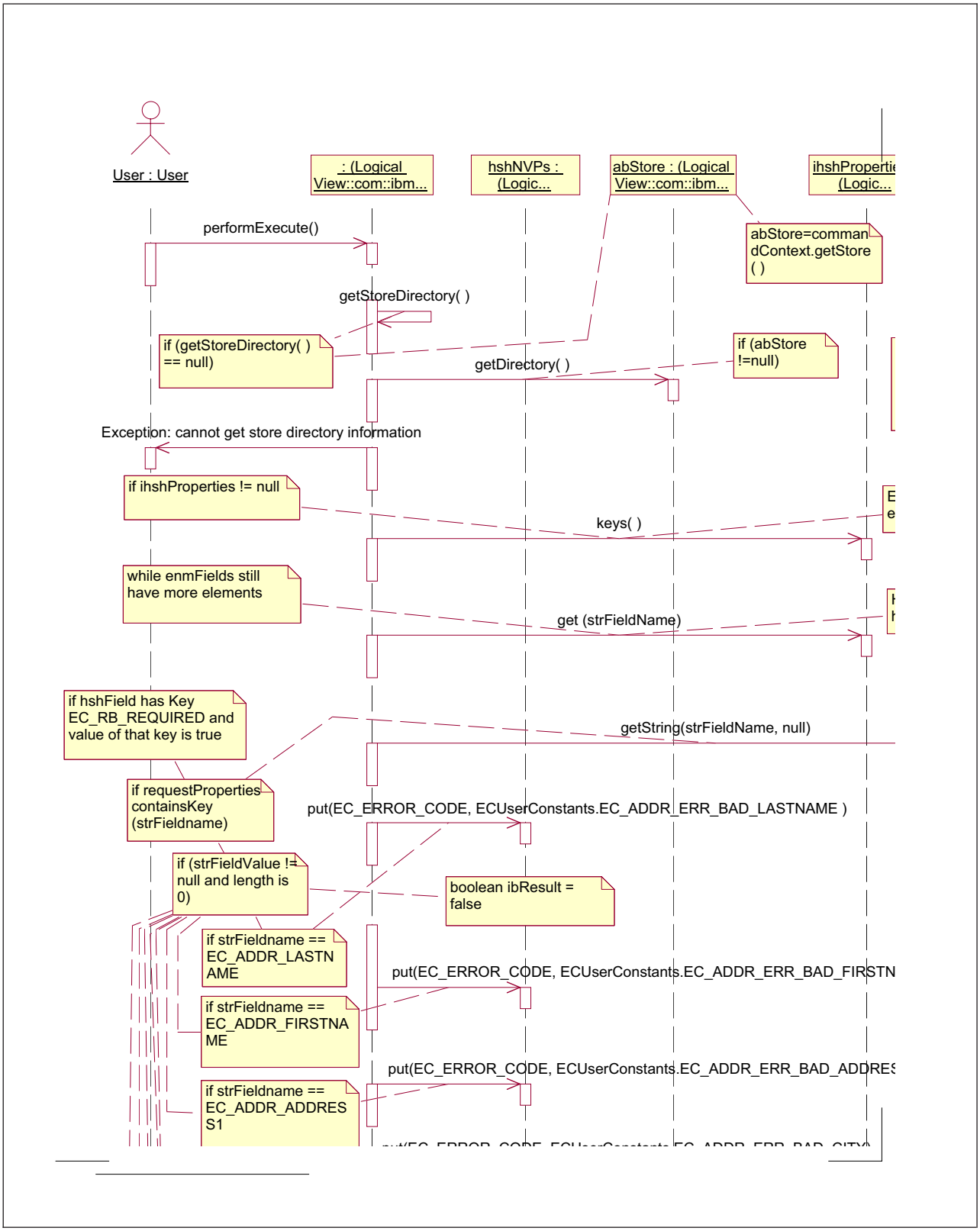

Figure 19. AuditBase sequence diagram, 1 of 4 (1,1)

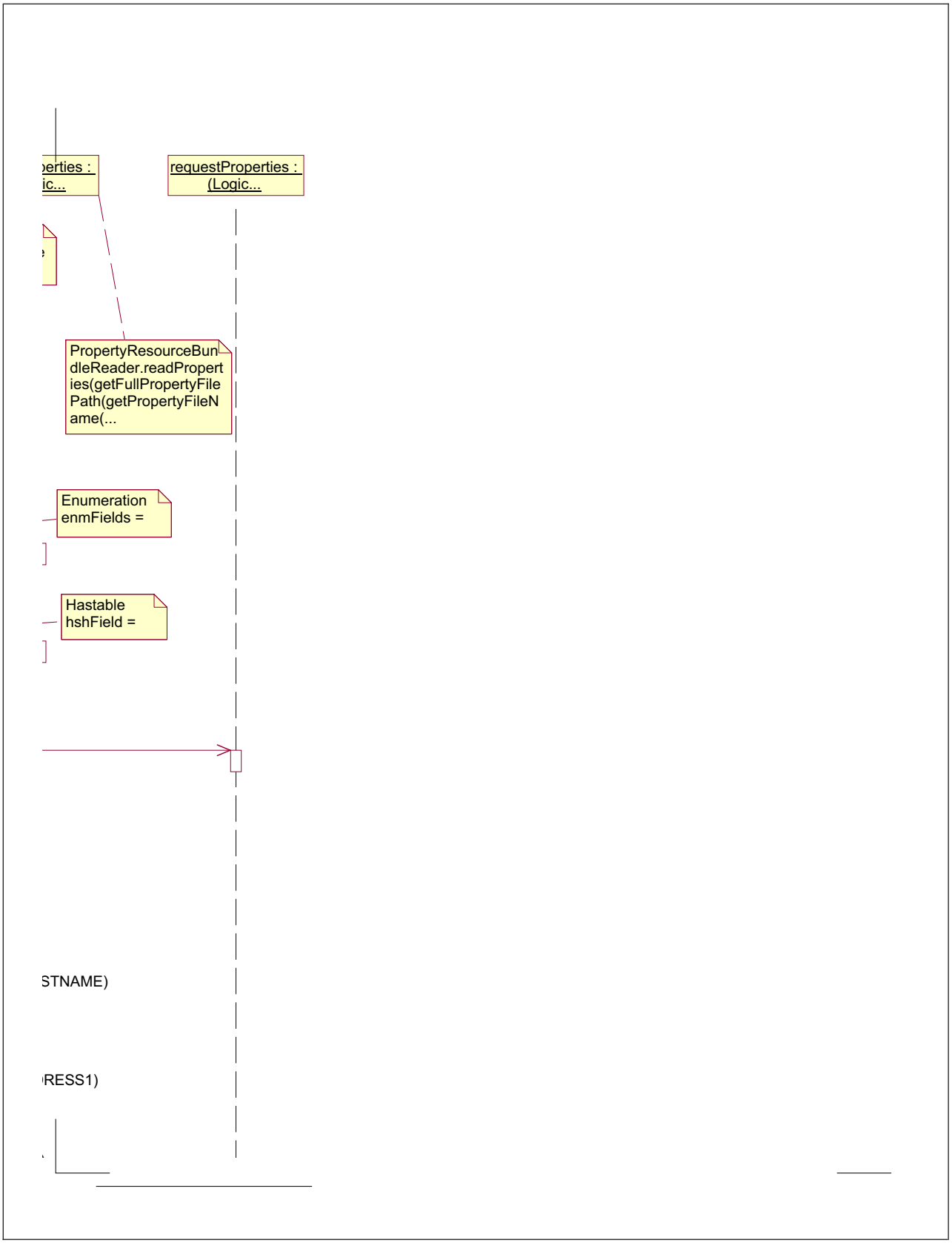

Figure 20. AuditBase sequence diagram, 2 of 4 (1,2)

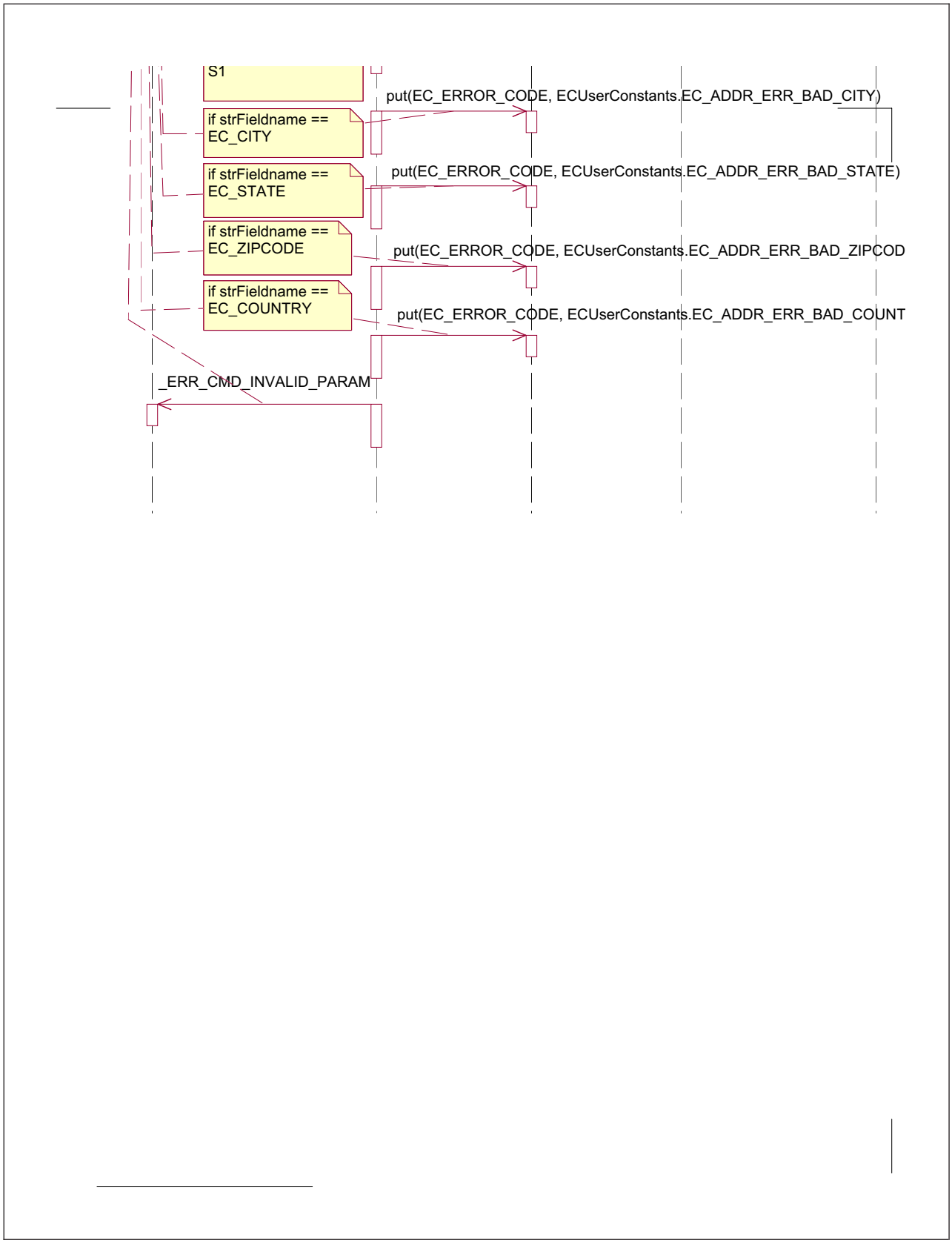

Figure 21. AuditBase sequence diagram, 3 of 4 (2,1)

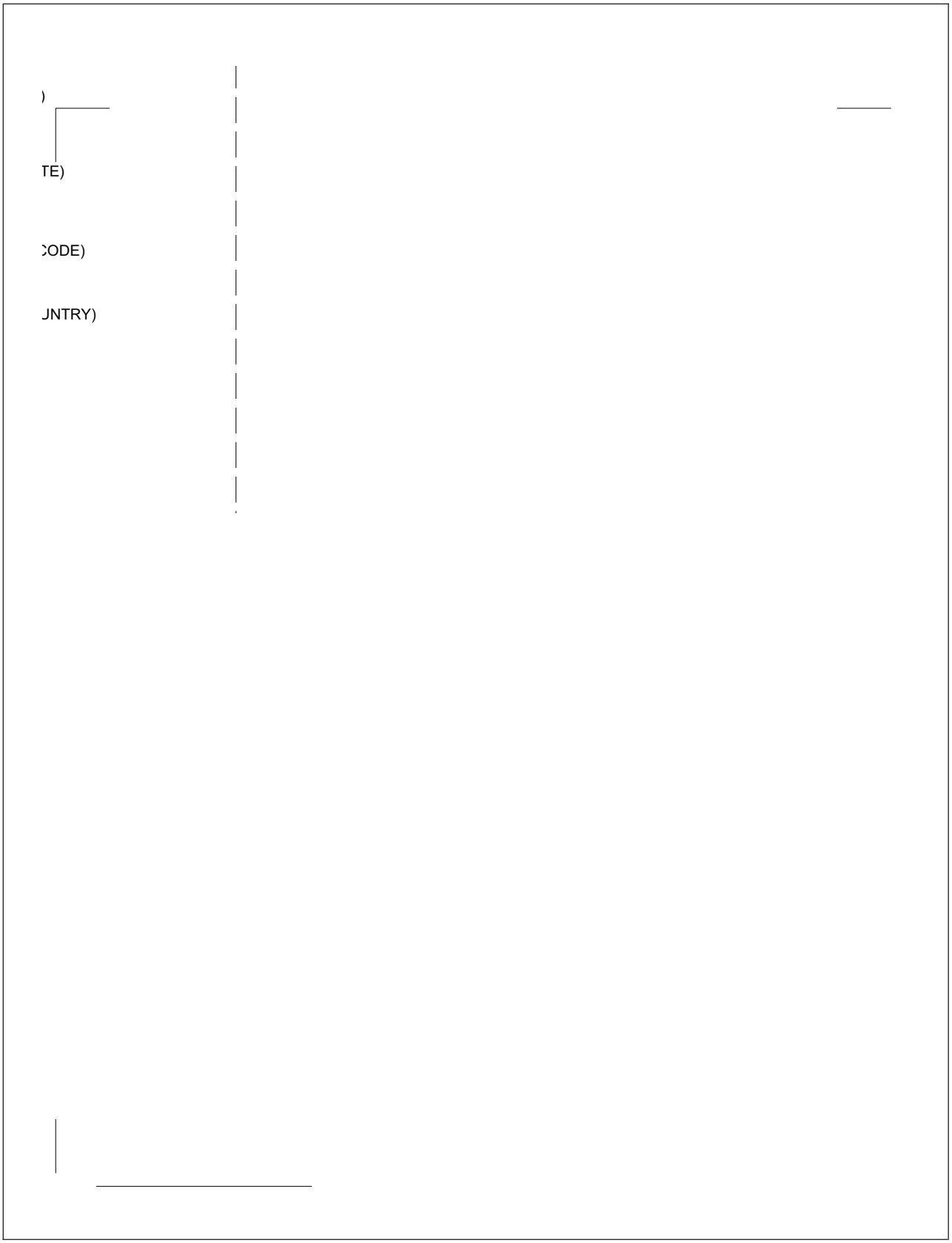

Figure 22. AuditBase sequence diagram, 4 of 4 (2,2)

AutoApproveReturnItem sequence diagram

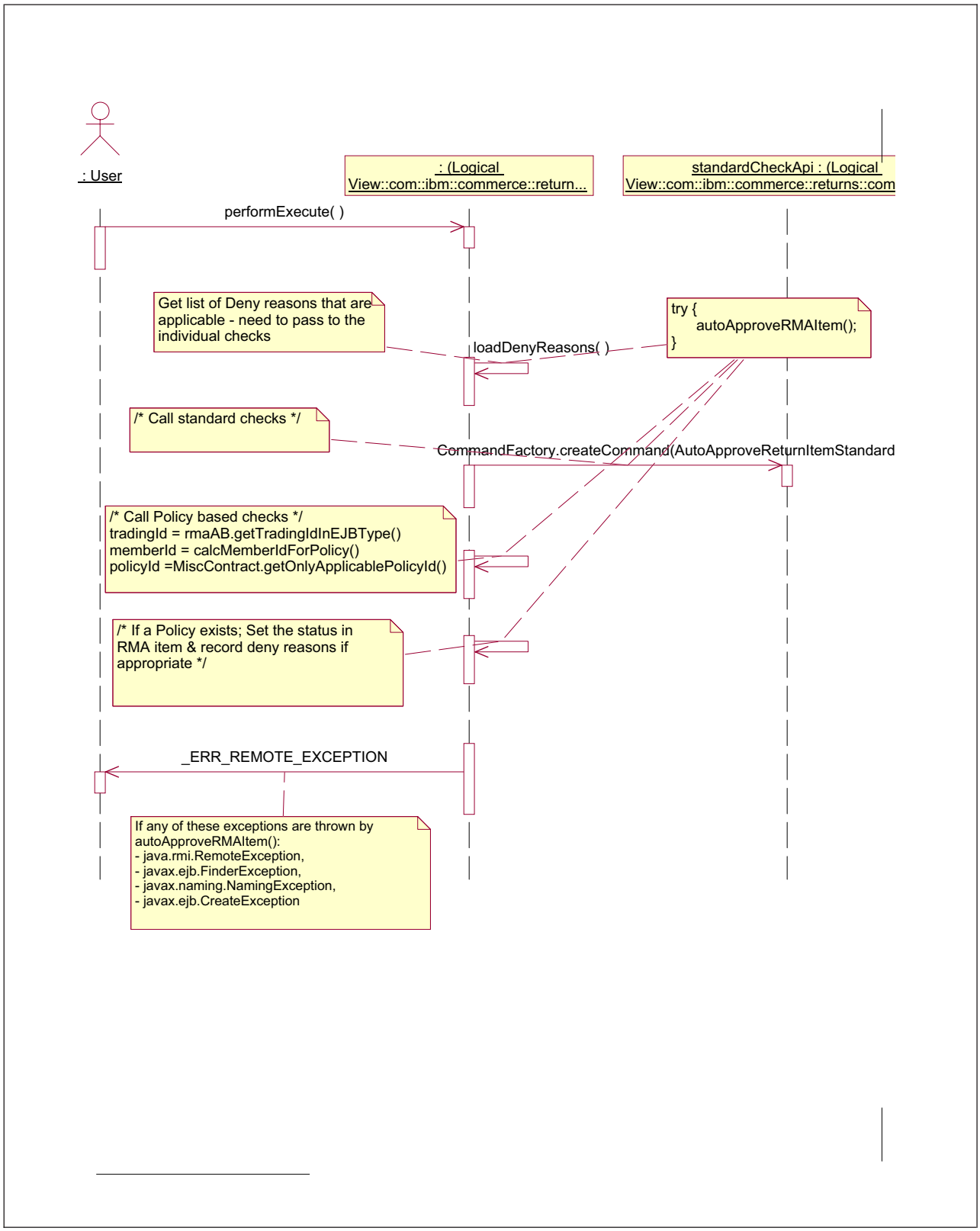

Figure 23. AutoApproveReturnItem sequence diagram, 1 of 2 (1,1)

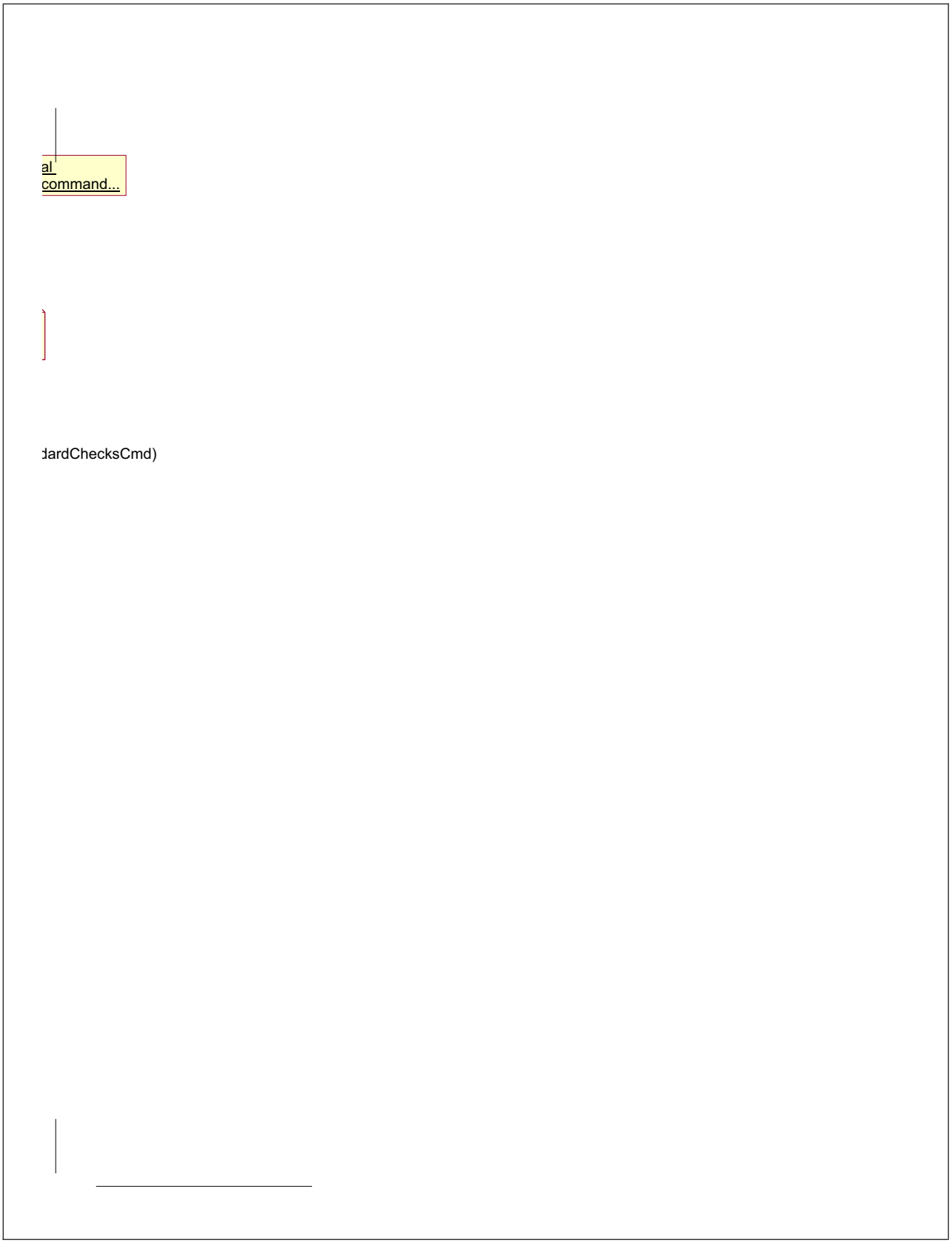

Figure 24. AutoApproveReturnItem sequence diagram, 2 of 2 (1,2)

CalculateRMAApproval sequence diagram

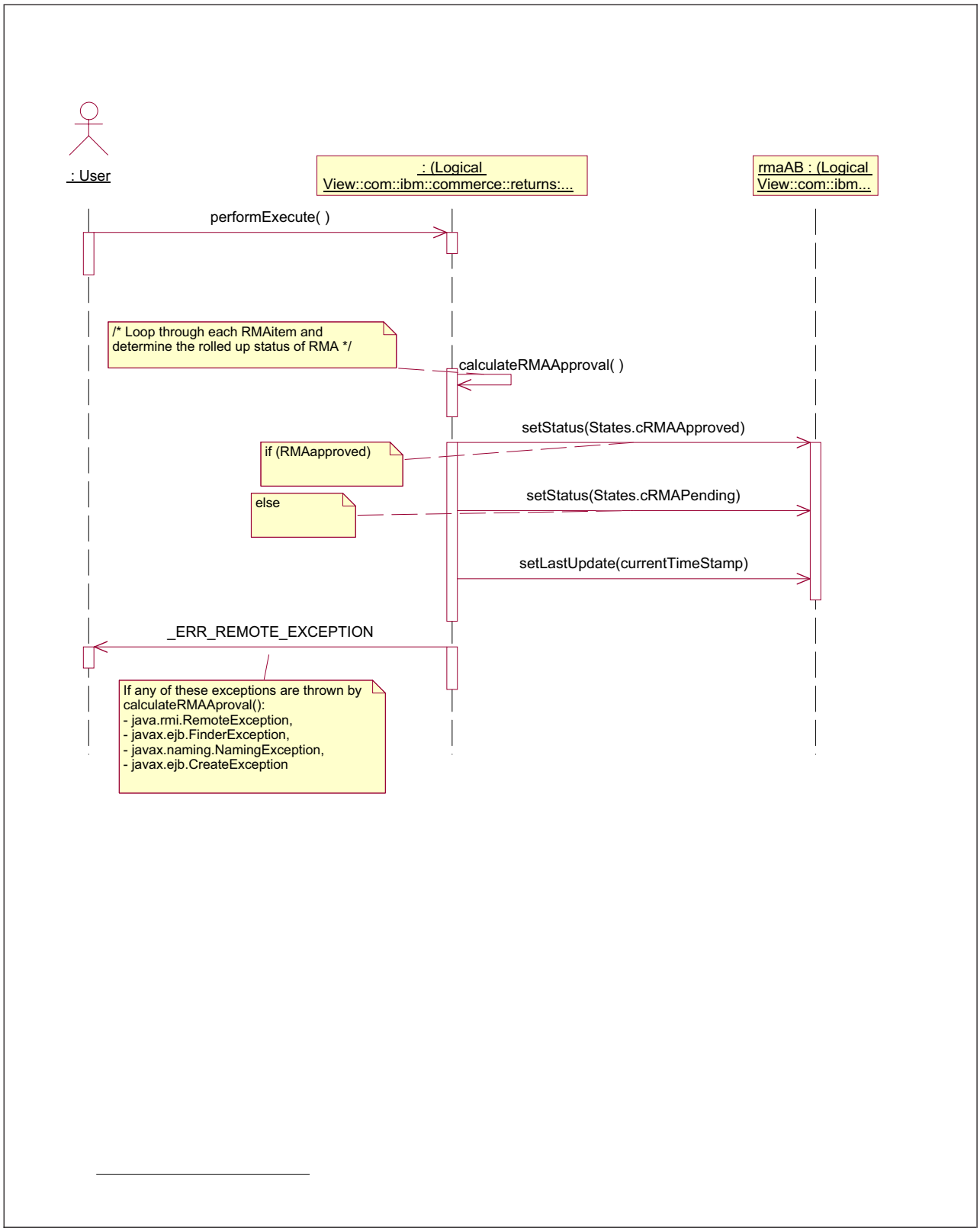

Figure 25. CalculateRMAApproval sequence diagram

CampaignInitiativeEvaluate sequence diagram

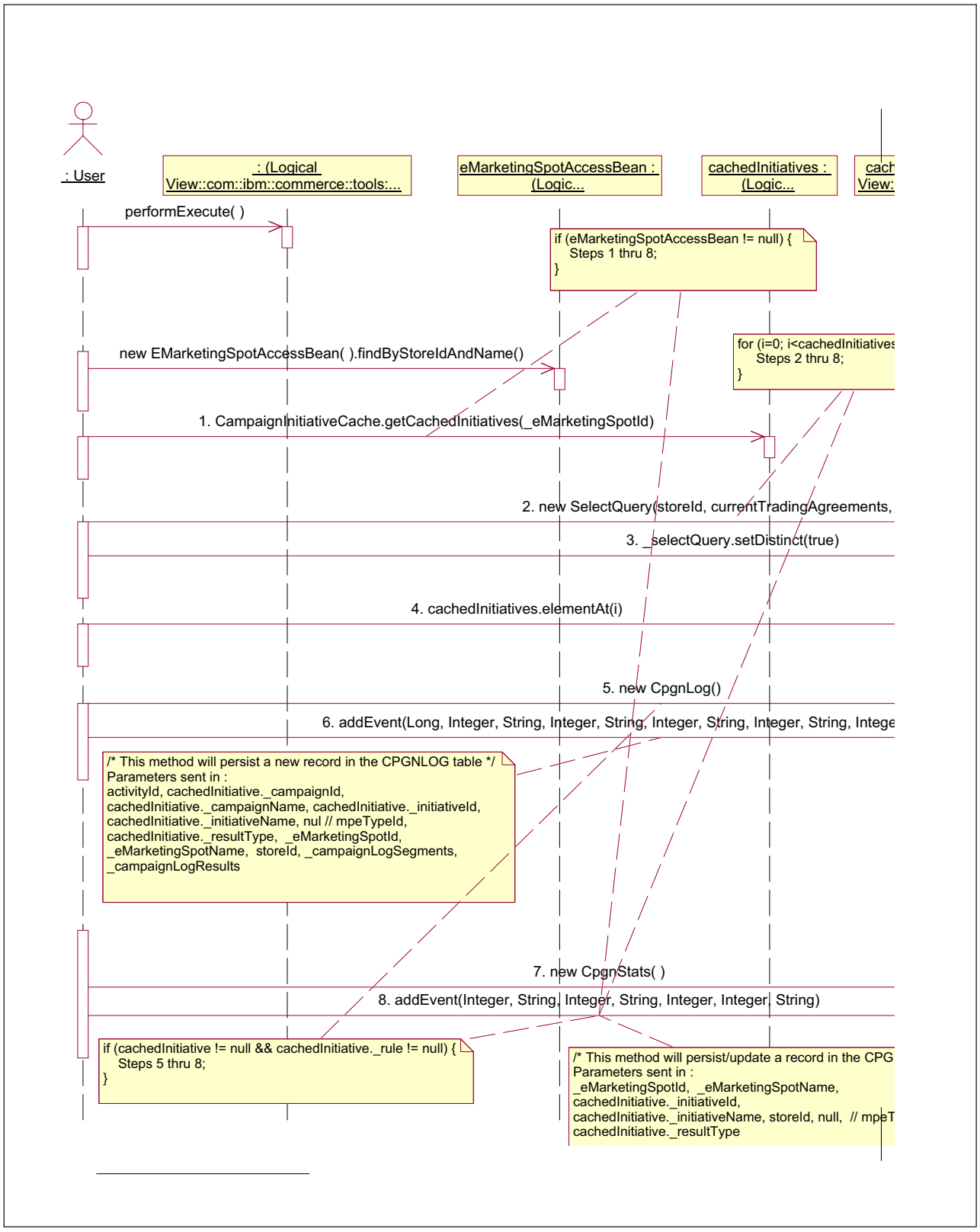

Figure 26. CampaignInitiativeEvaluate sequence diagram, 1 of 2 (1,1)

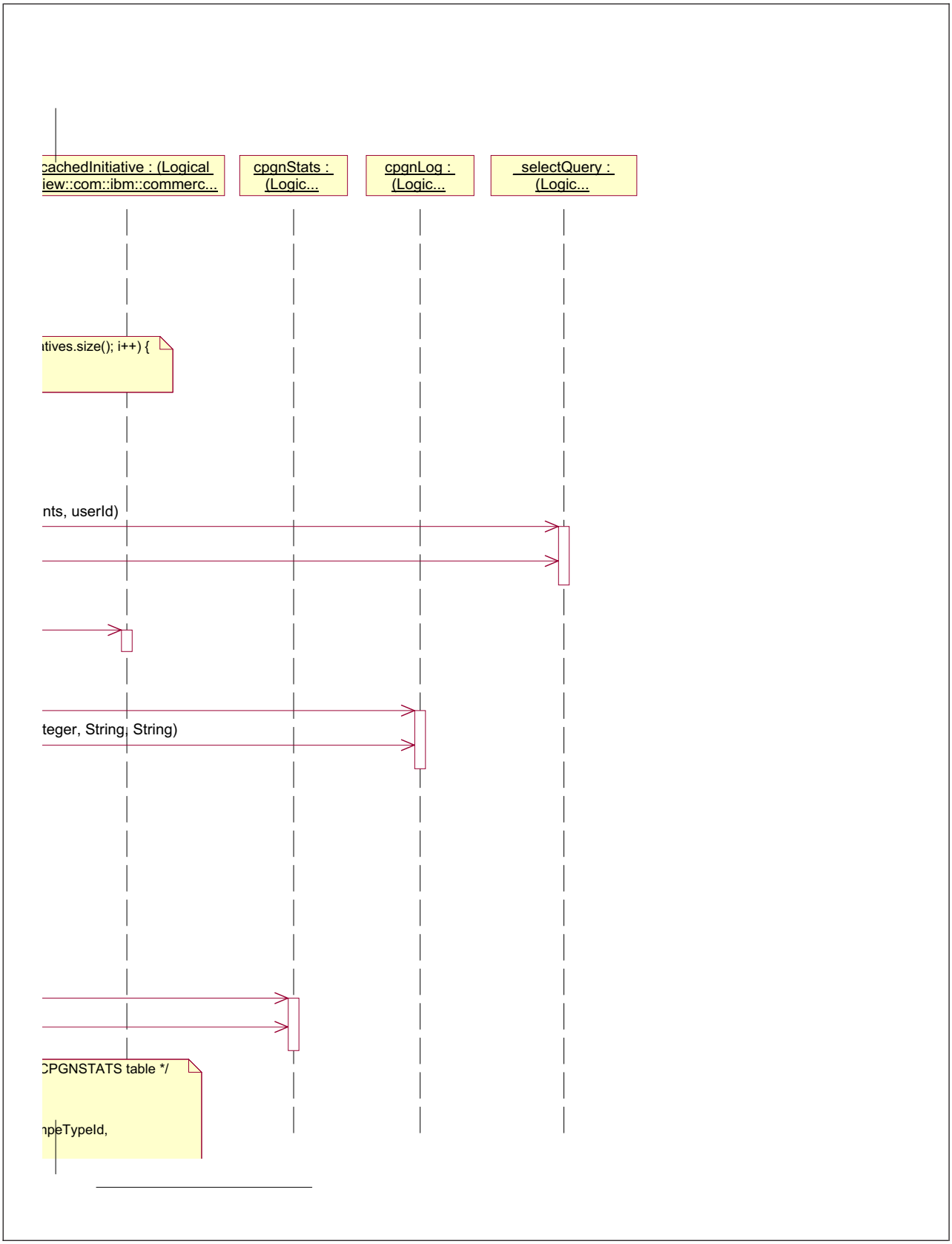

Figure 27. CampaignInitiativeEvaluate sequence diagram, 2 of 2 (1,2)

CampaignInitiativeSaveController sequence diagram

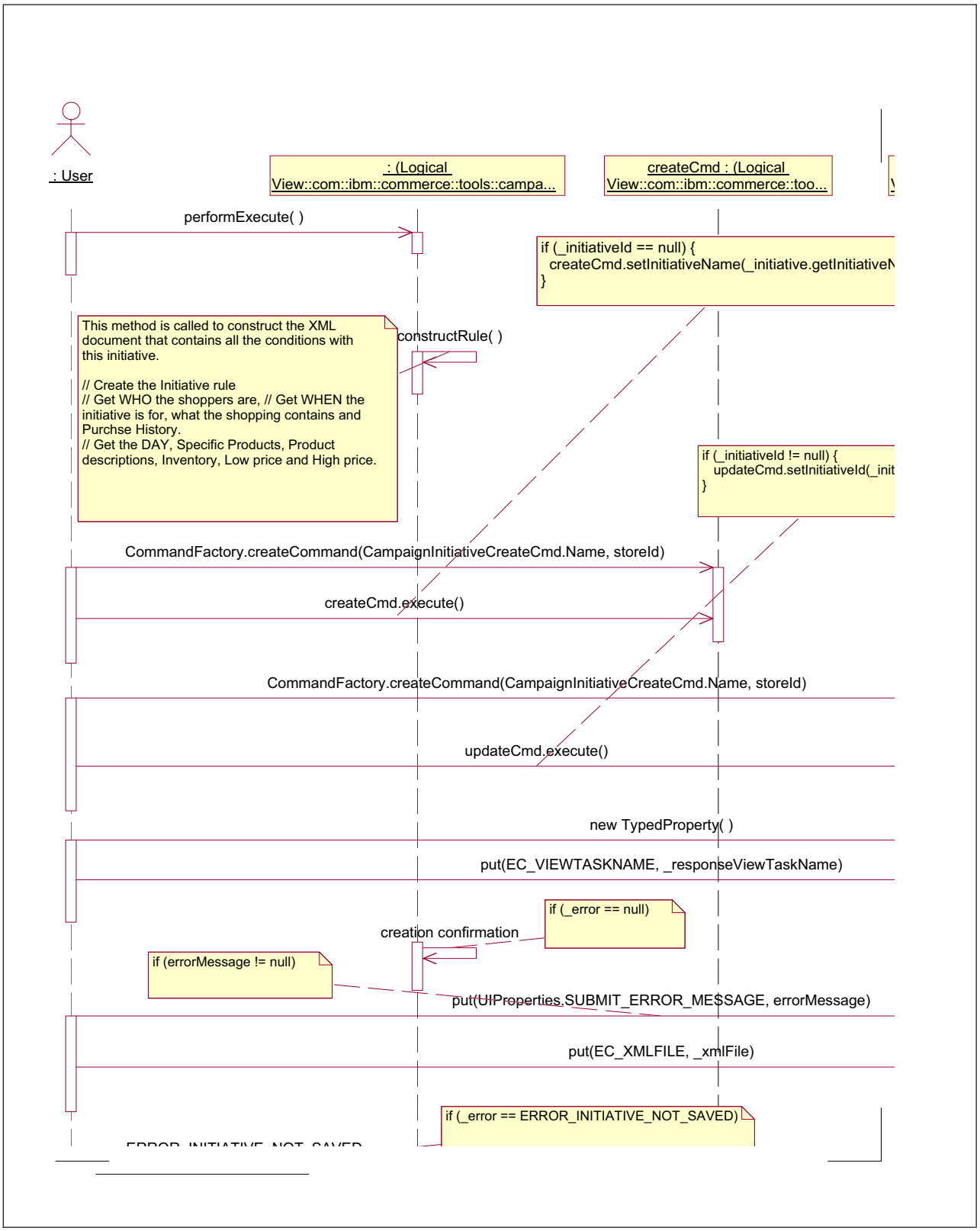

Figure 28. CampaignInitiativeSaveController sequence diagram, 1 of 4 (1,1)

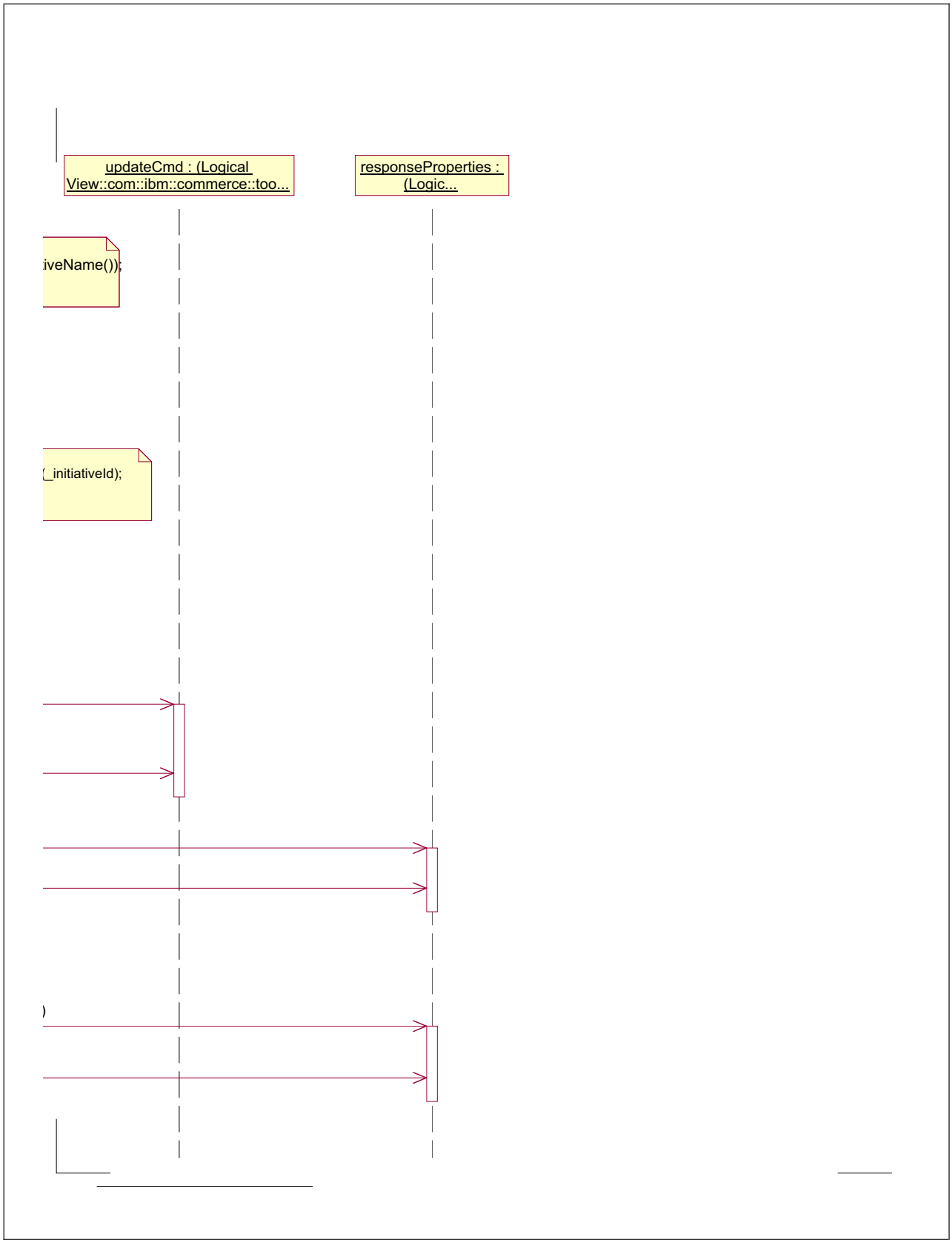

Figure 29. CampaignInitiativeSaveController sequence diagram, 2 of 4 (1,2)

Figure 30. CampaignInitiativeSaveController sequence diagram, 3 of 4 (2,1)

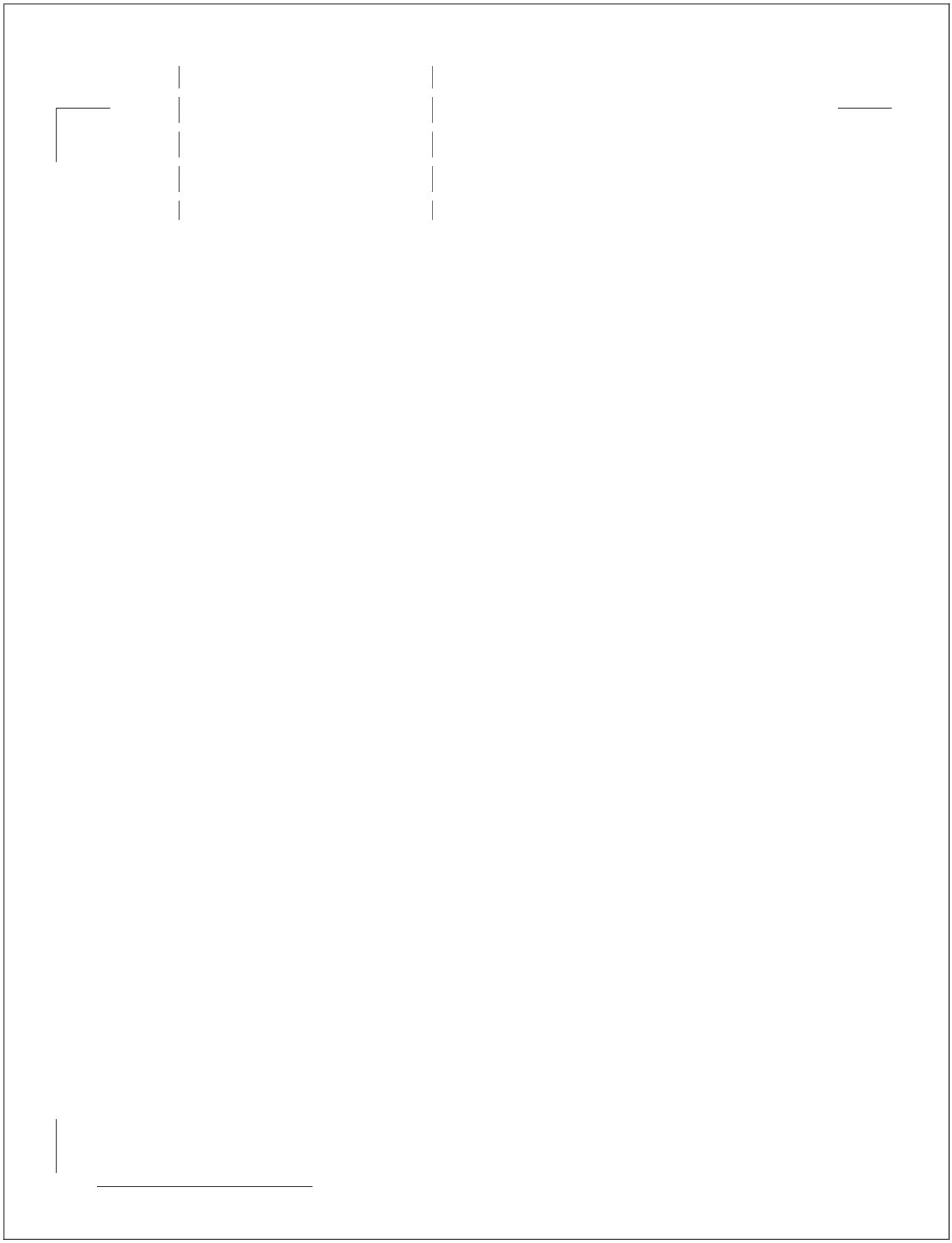

Figure 31. CampaignInitiativeSaveController sequence diagram, 4 of 4 (2,2)

CheckBidDeleteAuthorization sequence diagram

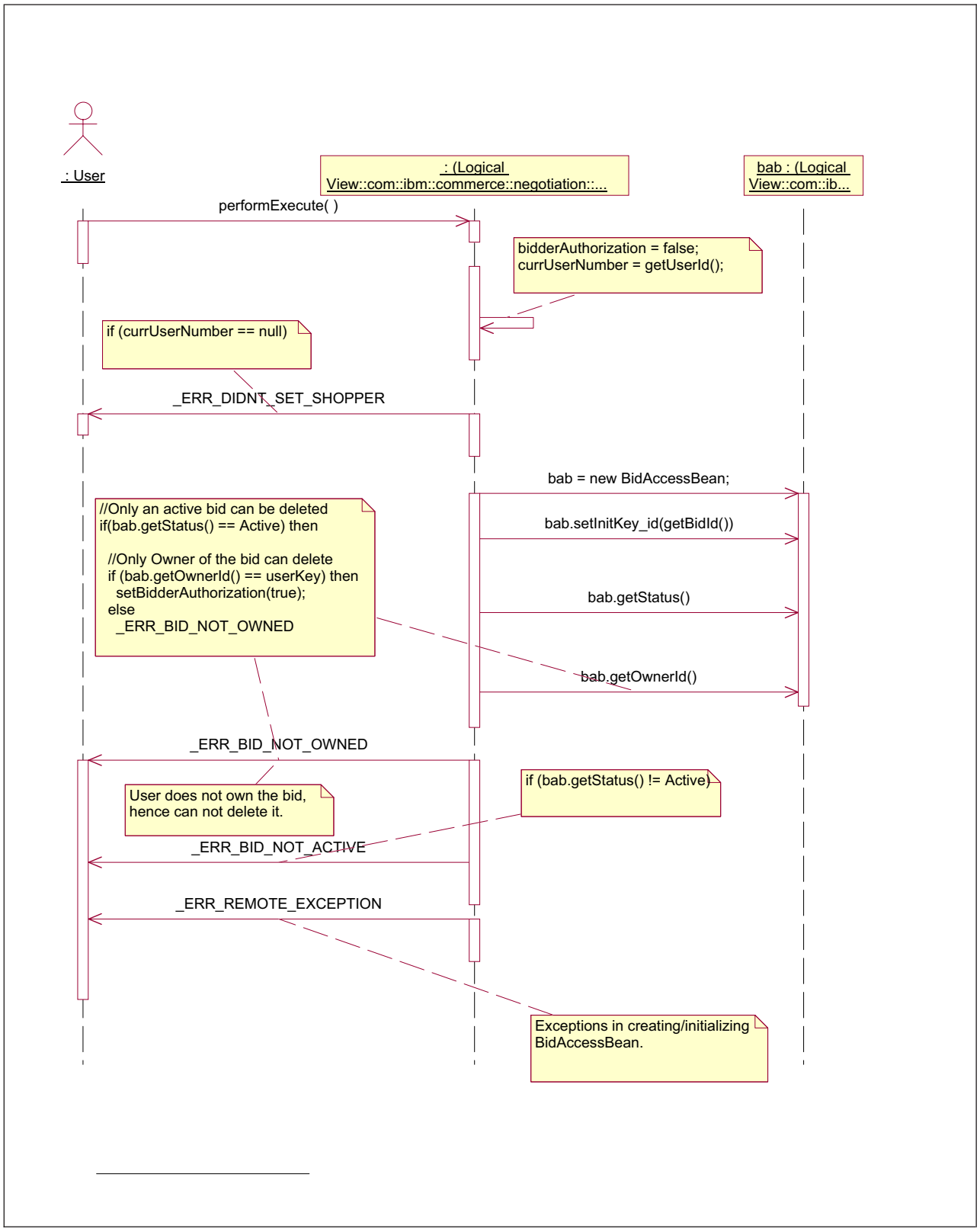

Figure 32. CheckBidDeleteAuthorization sequence diagram

CheckInventoryAvailability sequence diagram

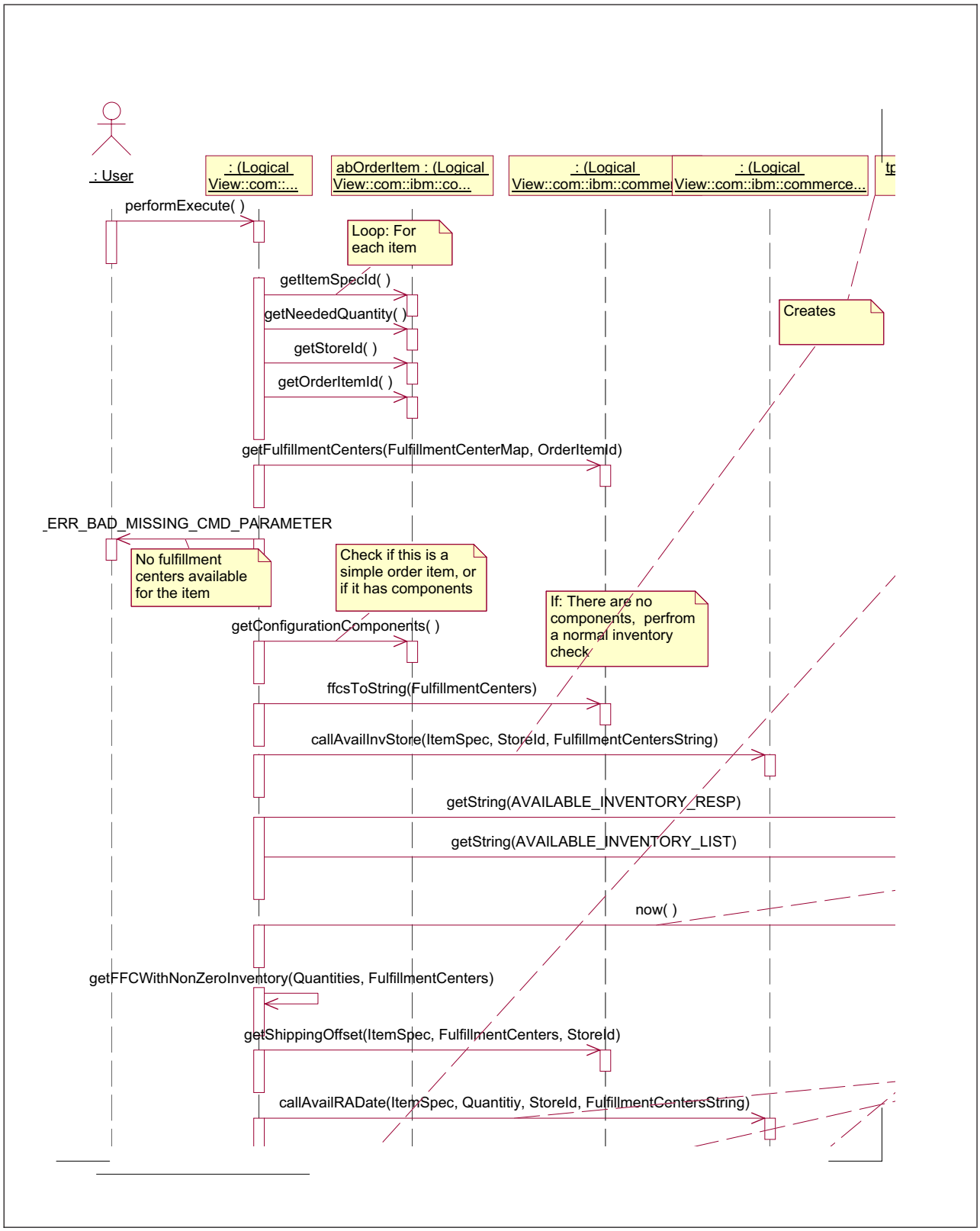

Figure 33. CheckInventoryAvailability sequence diagram, 1 of 9 (1,1)

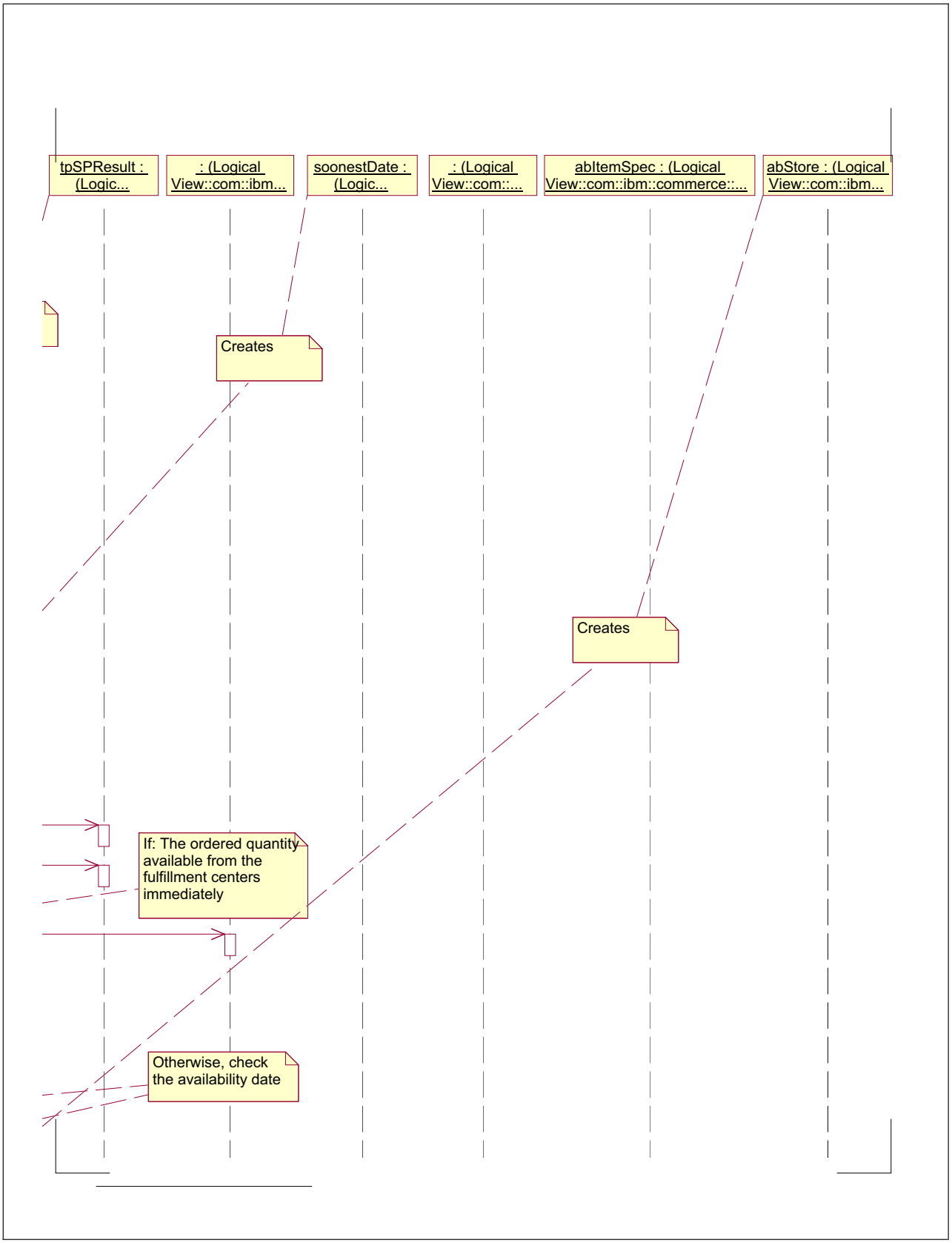

Figure 34. CheckInventoryAvailability sequence diagram, 2 of 9 (1,2)

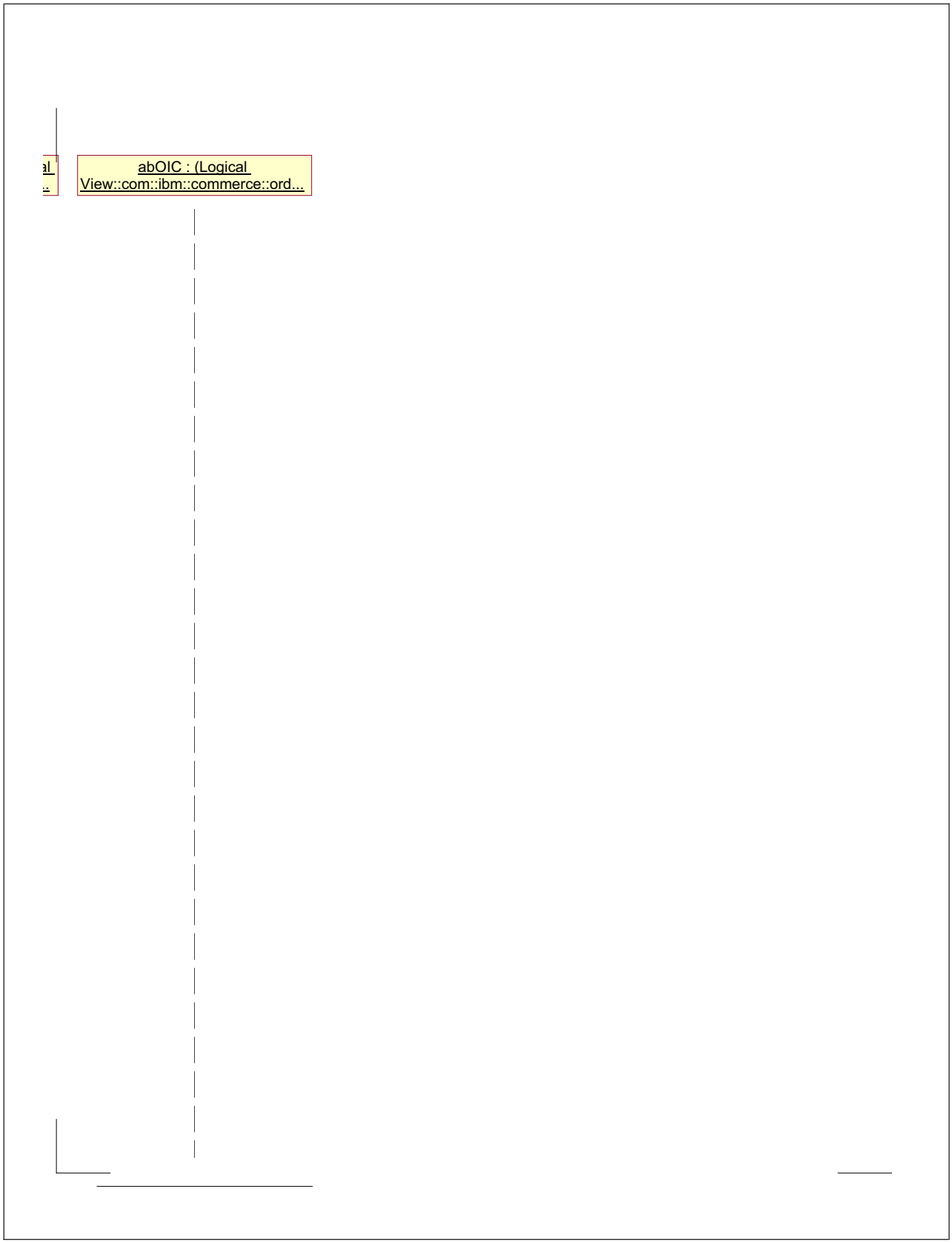

Figure 35. CheckInventoryAvailability sequence diagram, 3 of 9 (1,3)

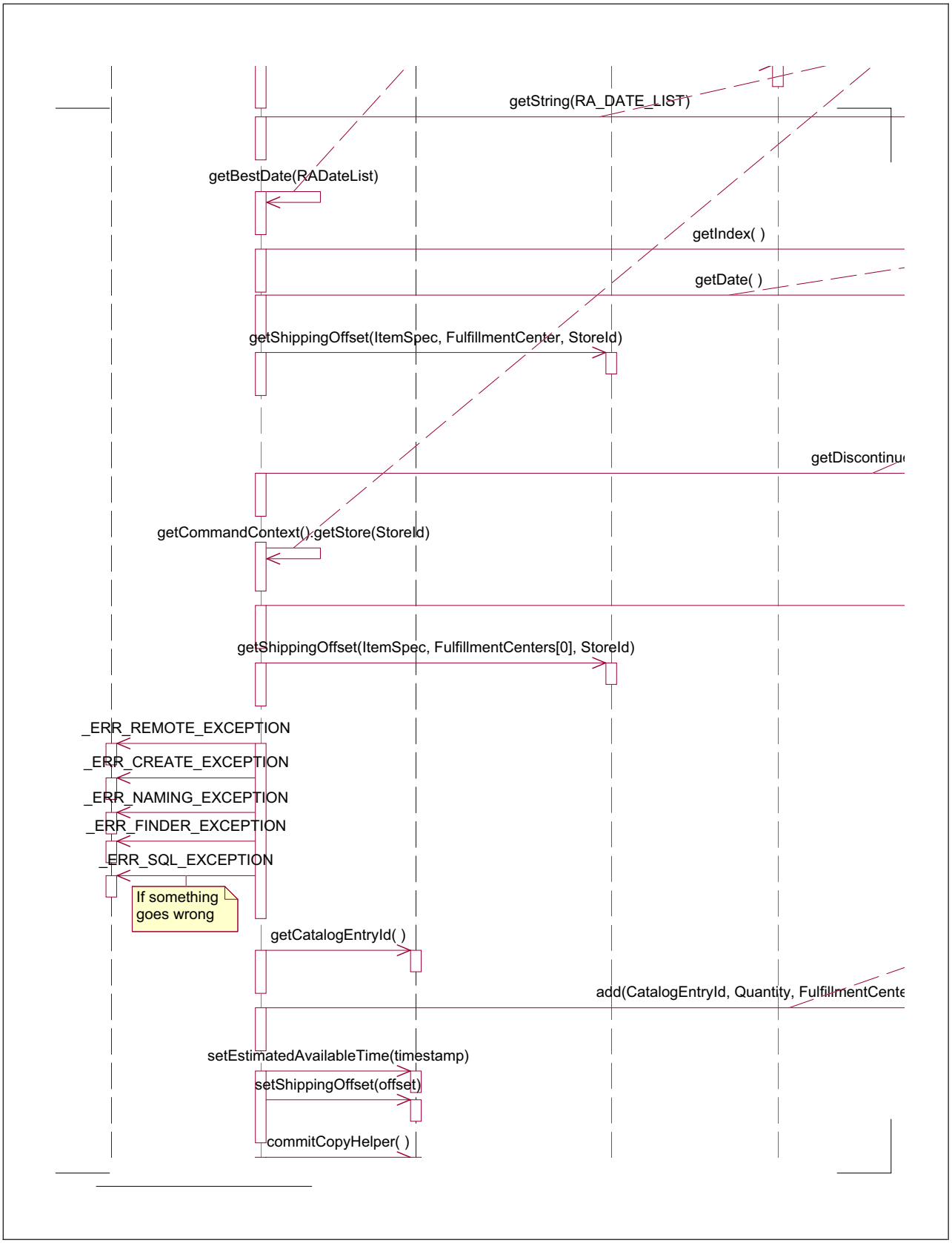

Figure 36. CheckInventoryAvailability sequence diagram, 4 of 9 (2,1)

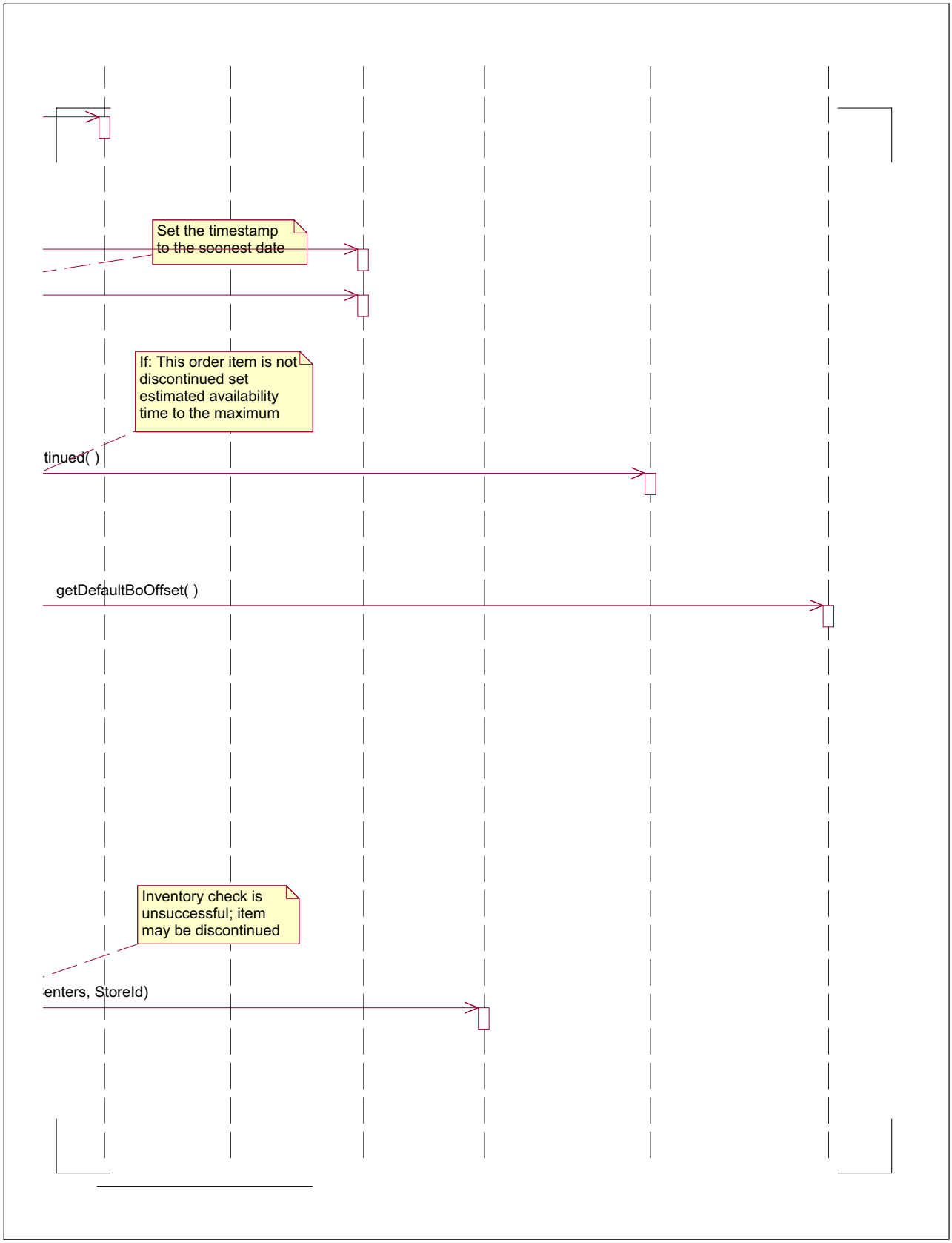

Figure 37. CheckInventoryAvailability sequence diagram, 5 of 9 (2,2)

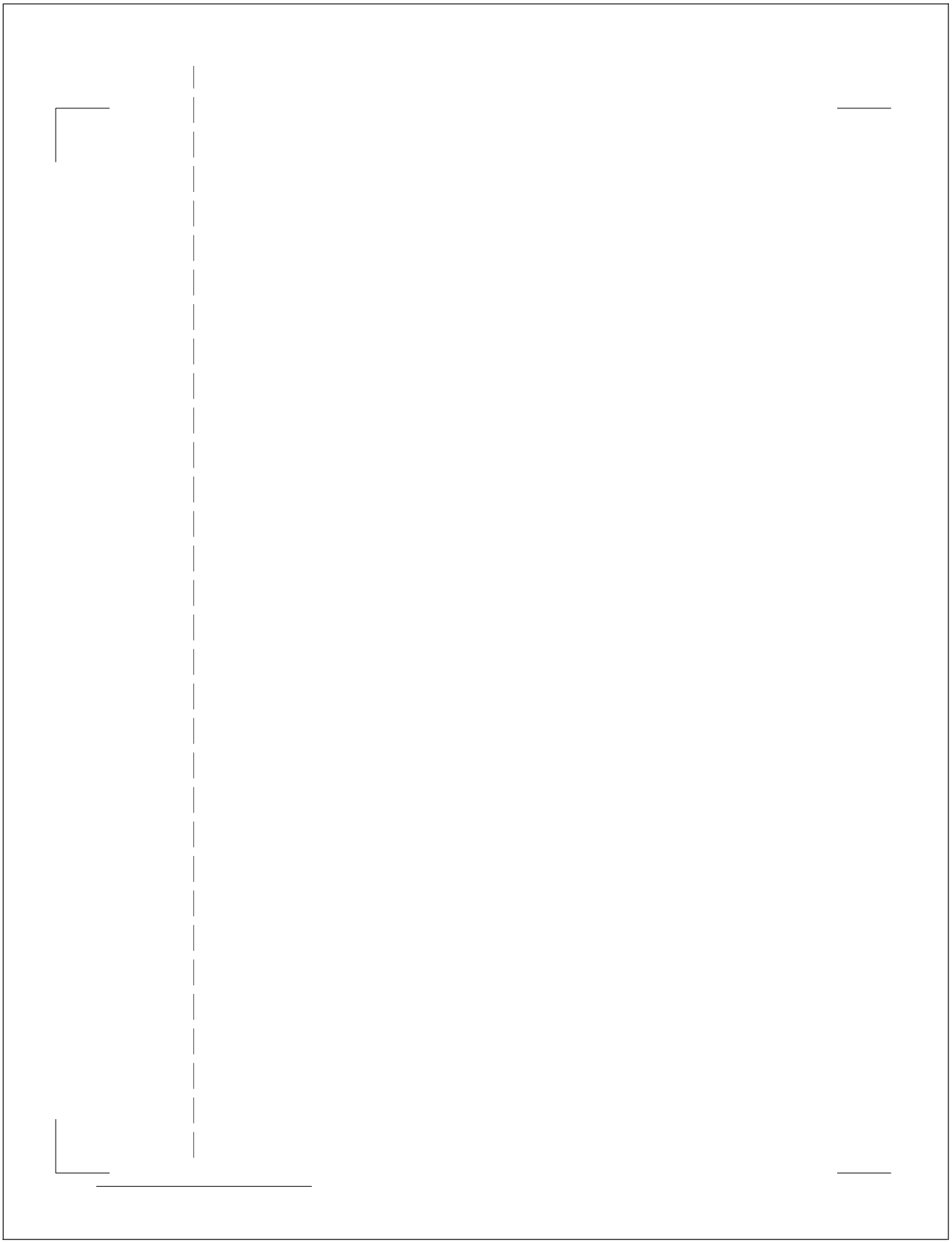

Figure 38. CheckInventoryAvailability sequence diagram, 6 of 9 (2,3)

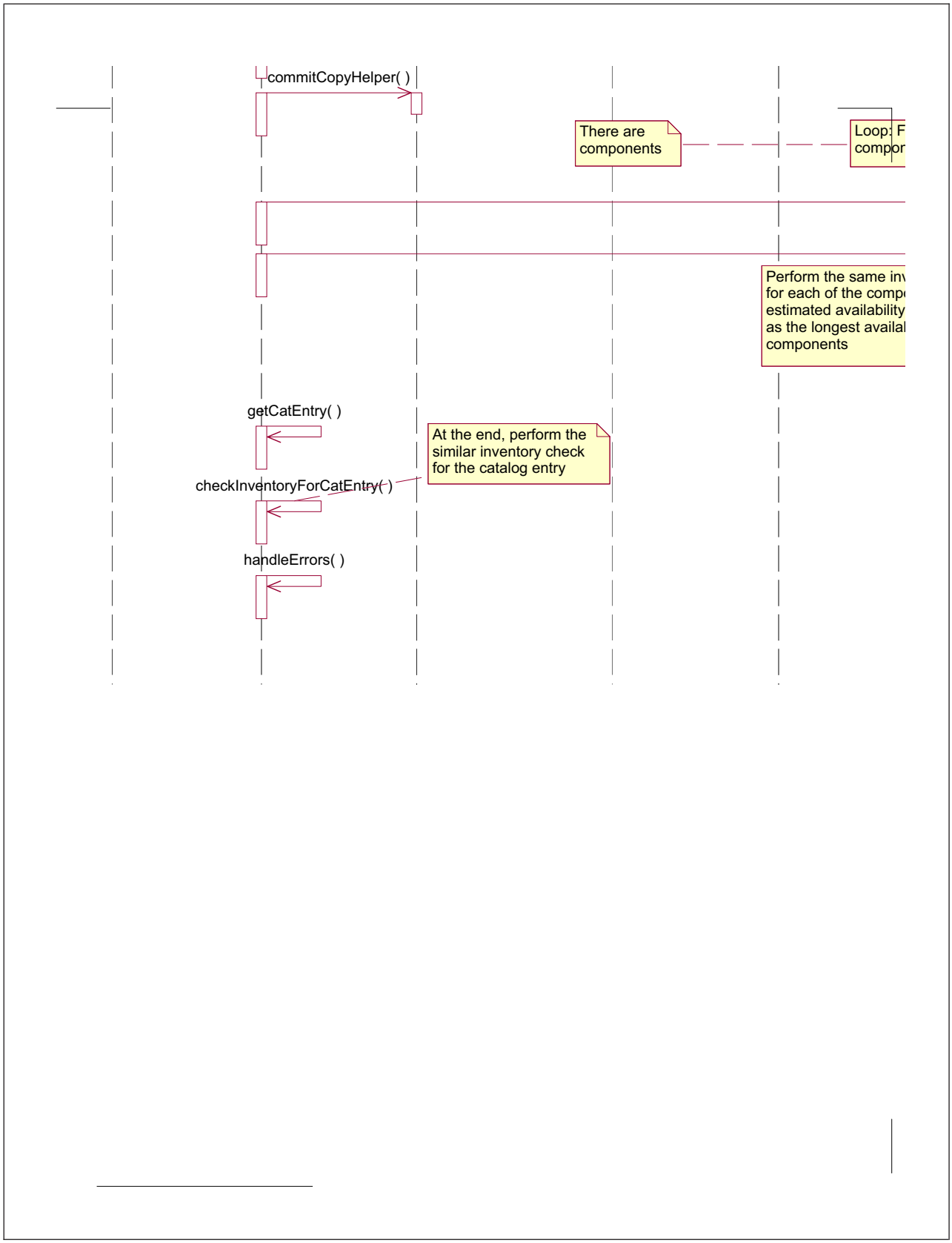

Figure 39. CheckInventoryAvailability sequence diagram, 7 of 9 (3,1)

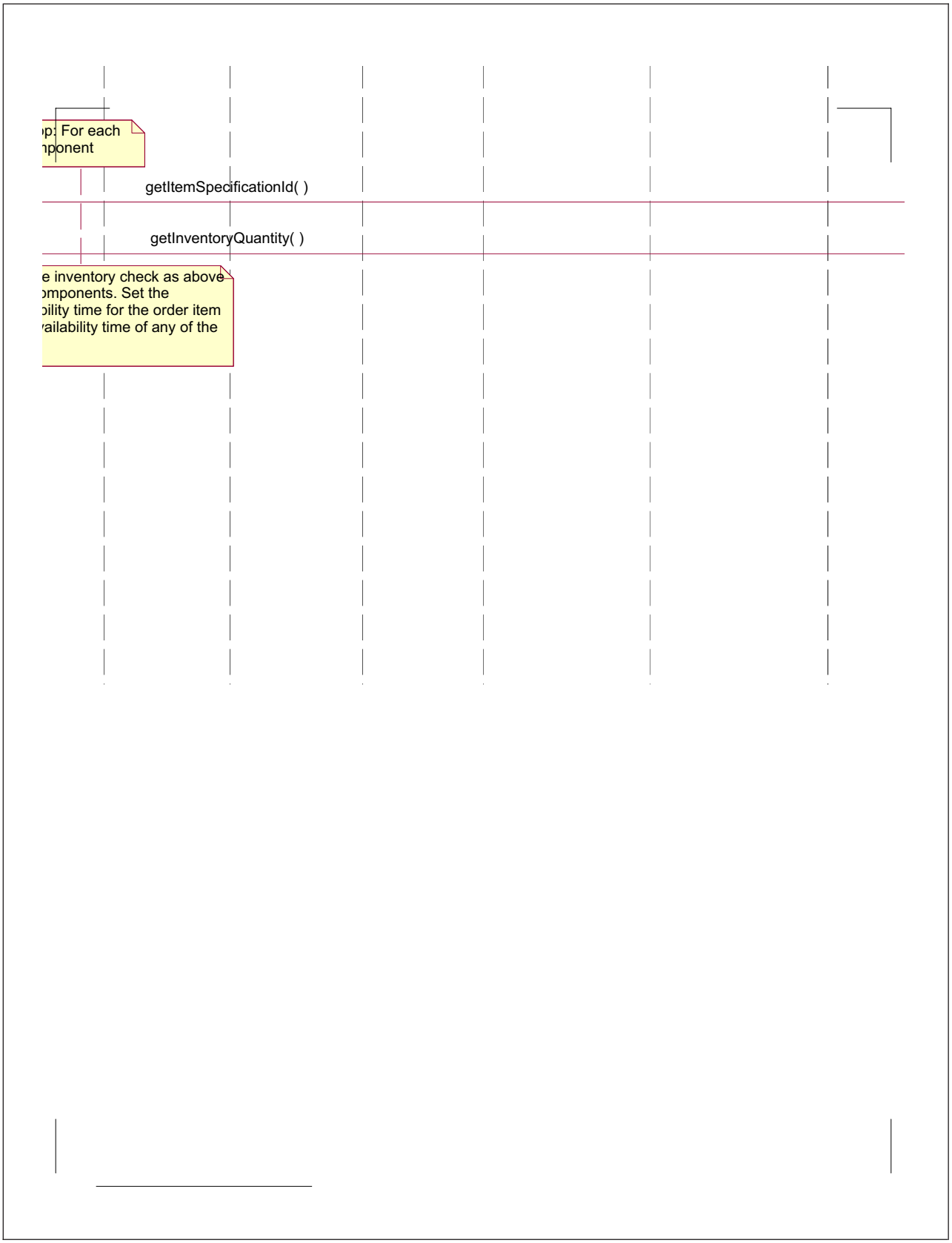

Figure 40. CheckInventoryAvailability sequence diagram, 8 of 9 (3,2)

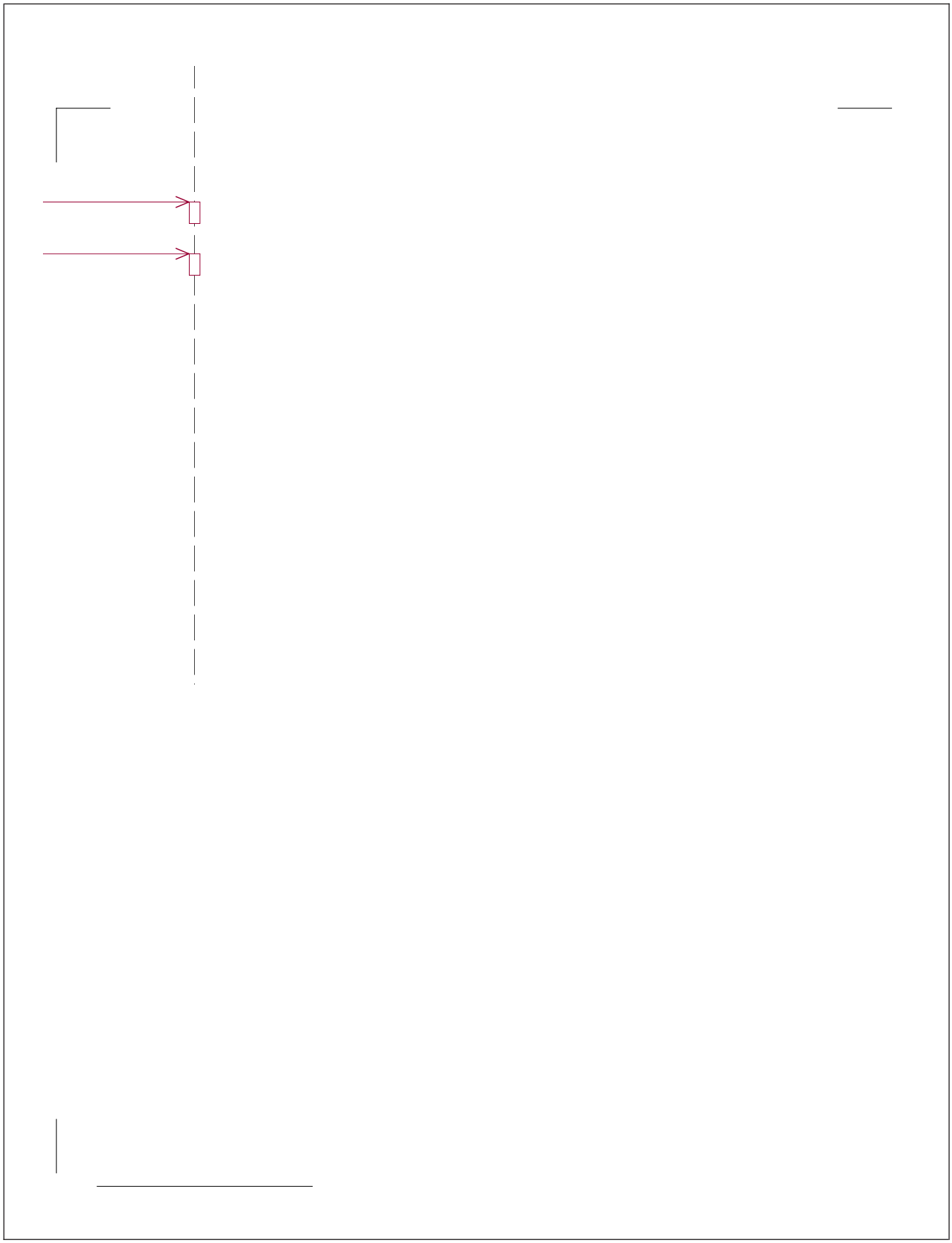

Figure 41. CheckInventoryAvailability sequence diagram, 9 of 9 (3,3)

CheckUserInMemberGroup sequence diagram

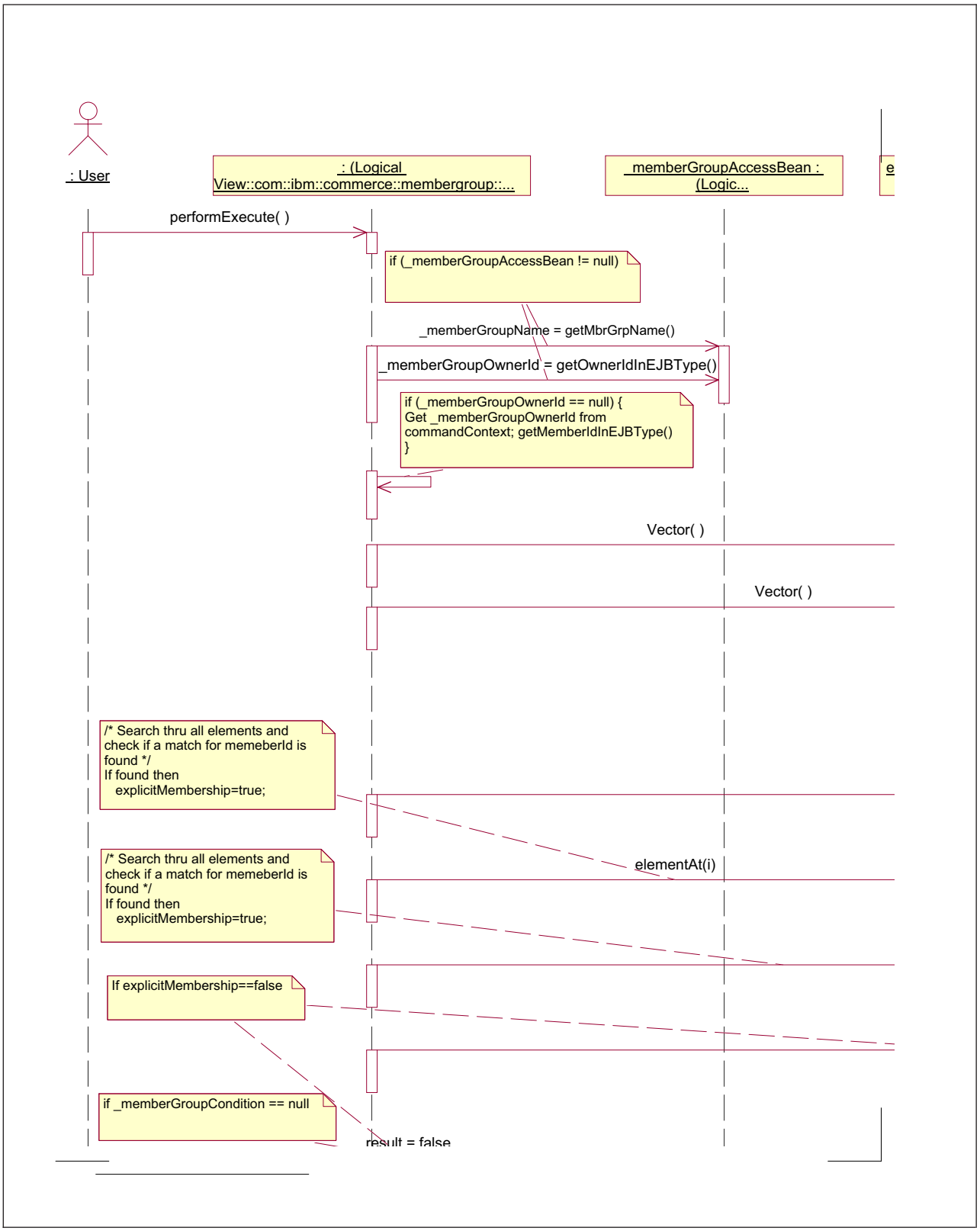

Figure 42. CheckUserInMemberGroup sequence diagram, 1 of 4 (1,1)

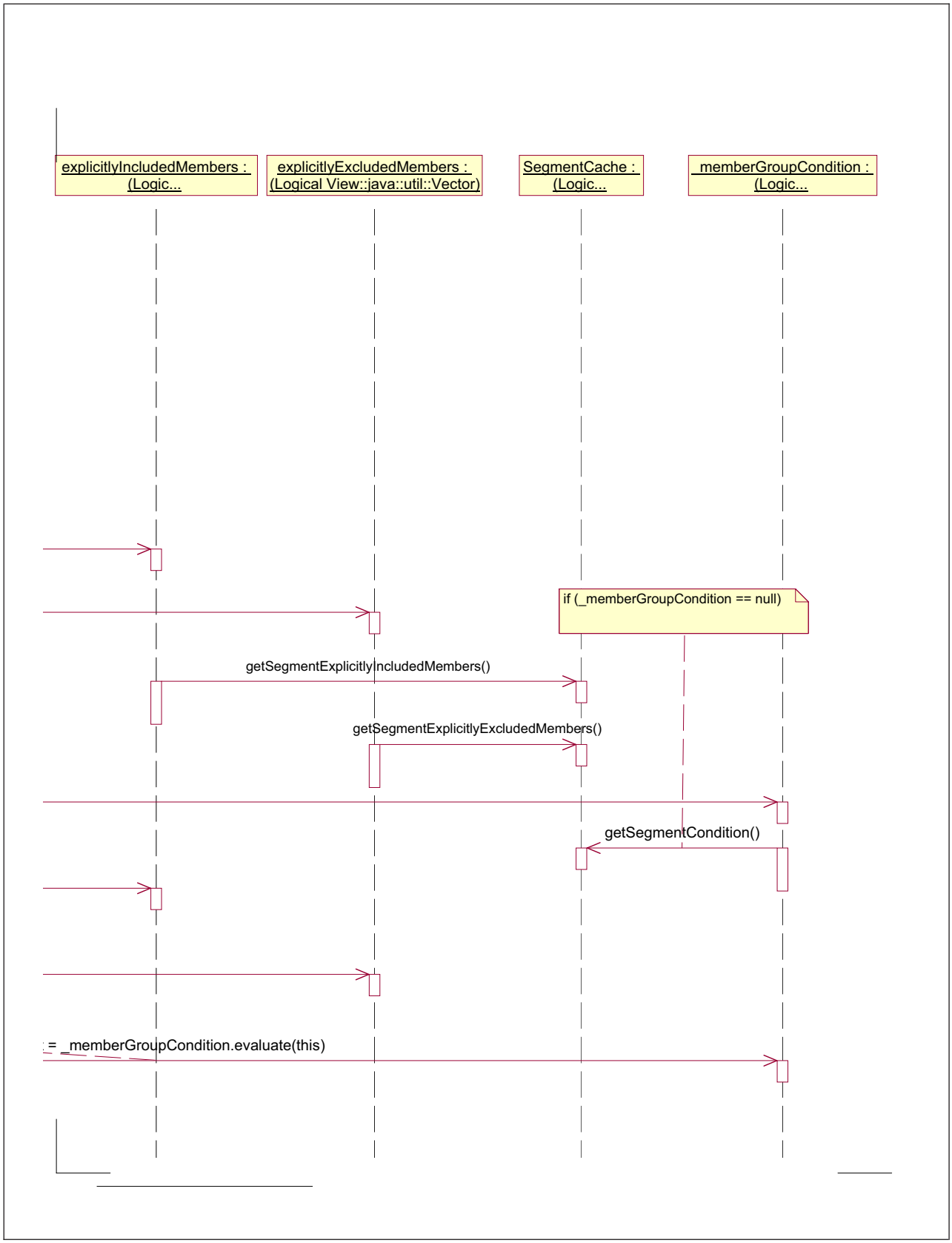

Figure 43. CheckUserInMemberGroup sequence diagram, 2 of 4 (1,2)

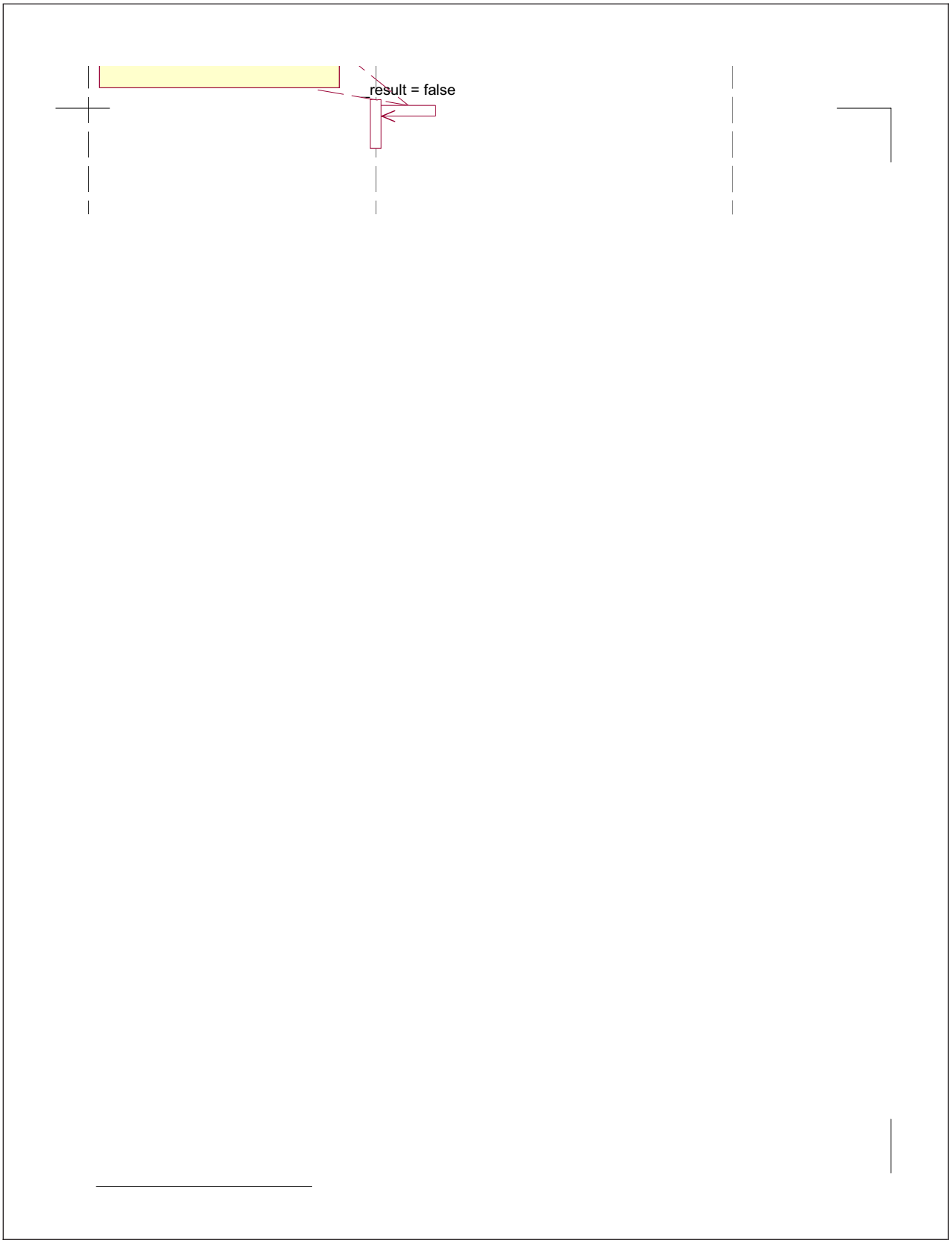

Figure 44. CheckUserInMemberGroup sequence diagram, 3 of 4 (2,1)

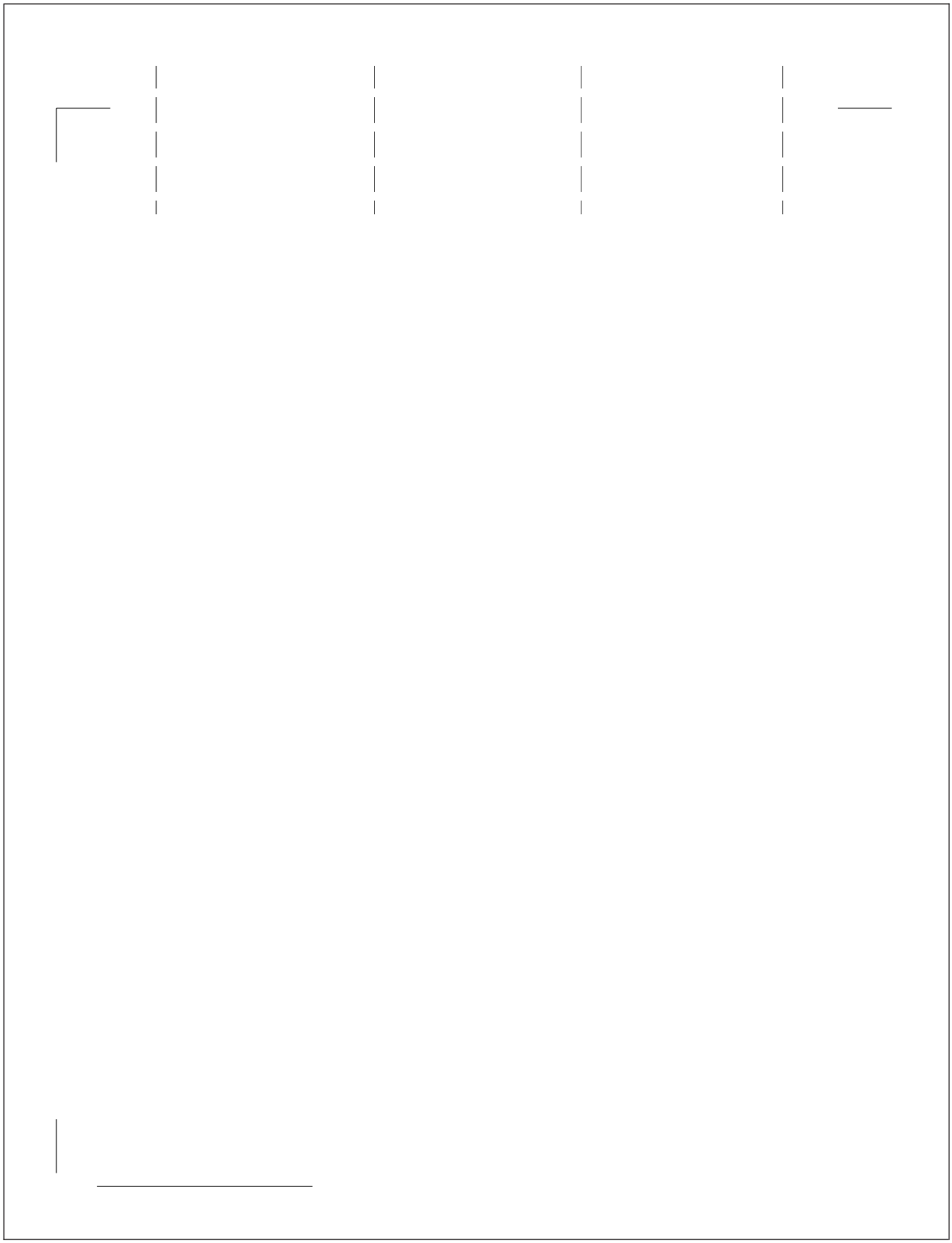

Figure 45. CheckUserInMemberGroup sequence diagram, 4 of 4 (2,2)

CreateDiscount sequence diagram

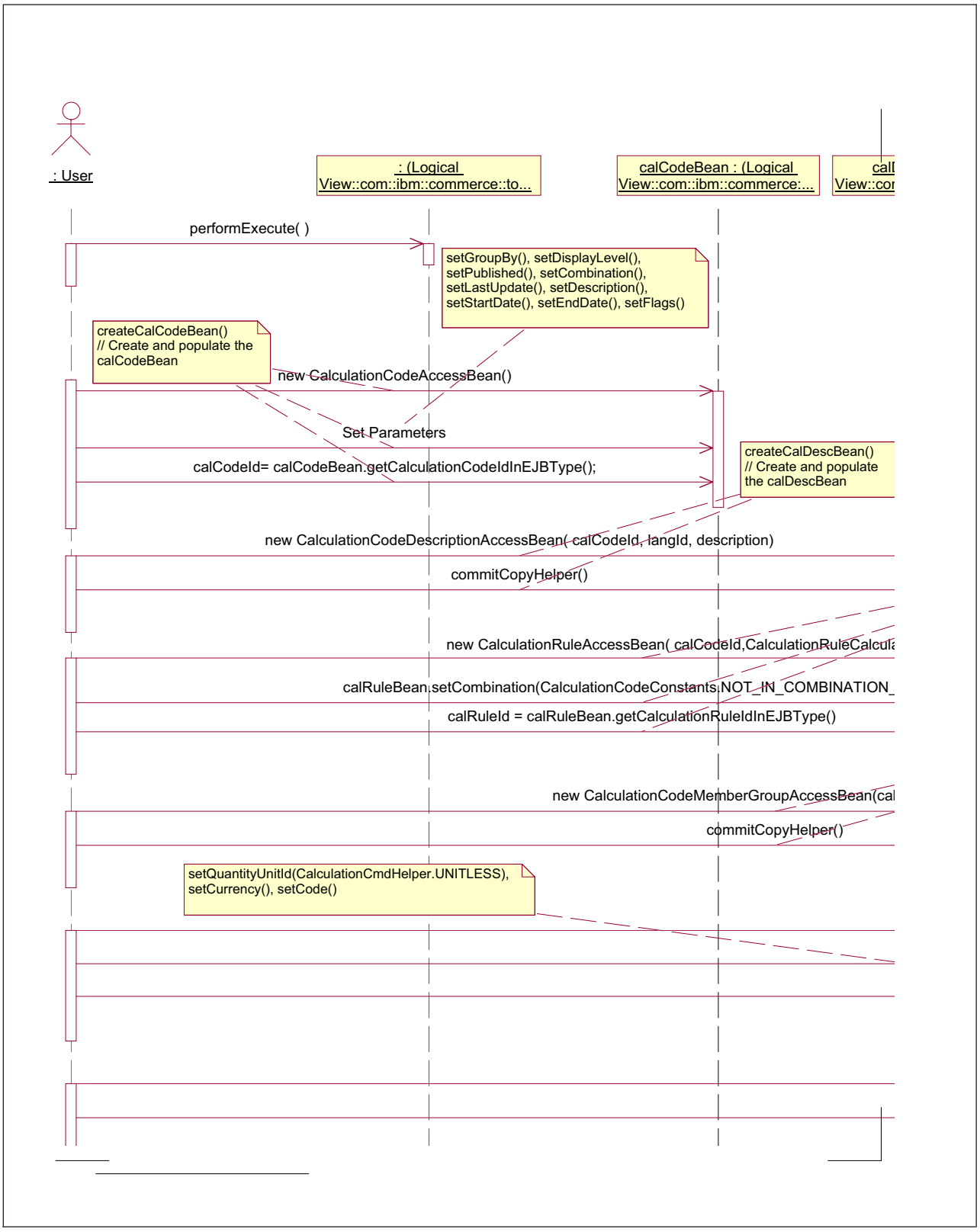

Figure 46. CreateDiscount sequence diagram, 1 of 8 (1,1)

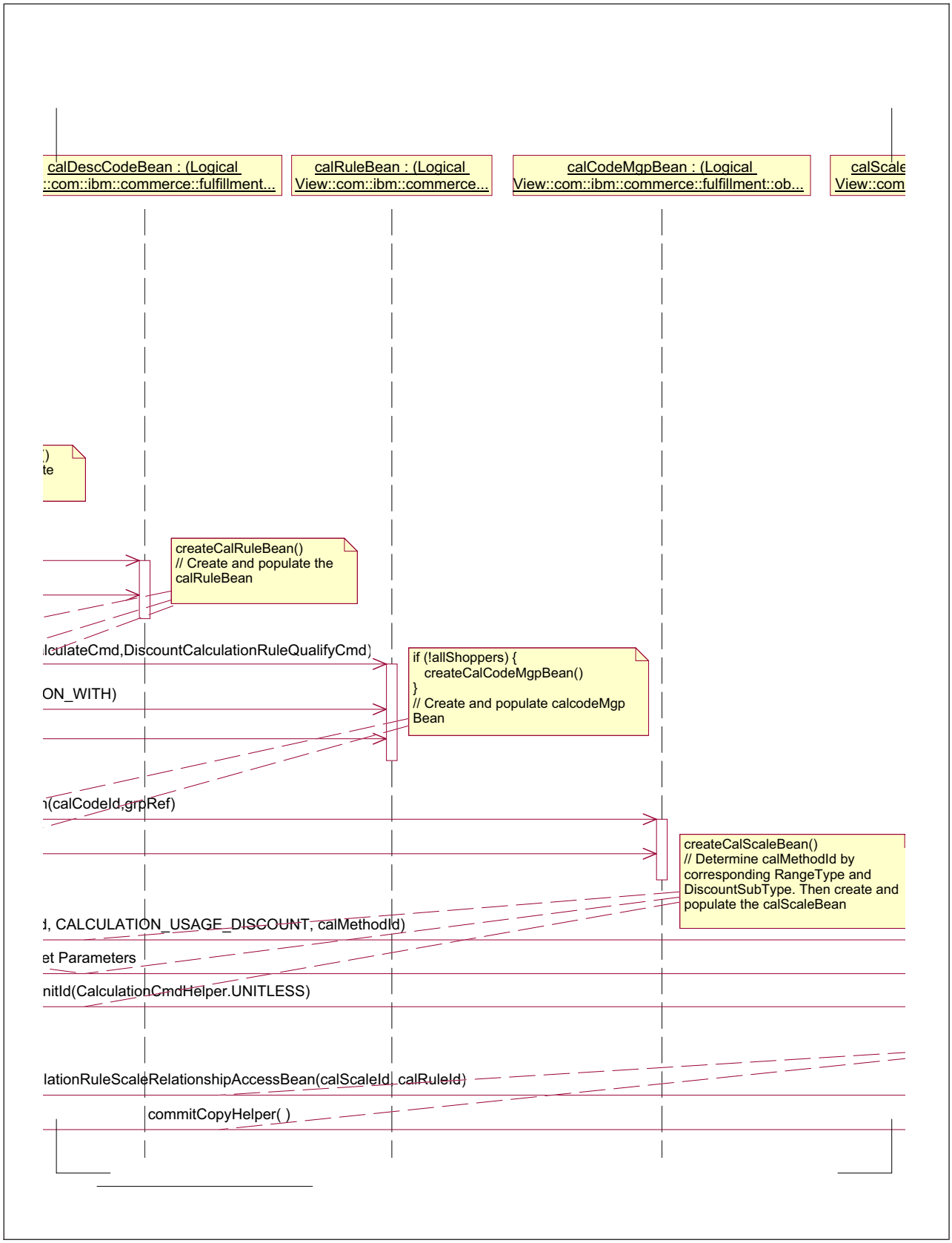

Figure 47. CreateDiscount sequence diagram, 2 of 8 (1,2)

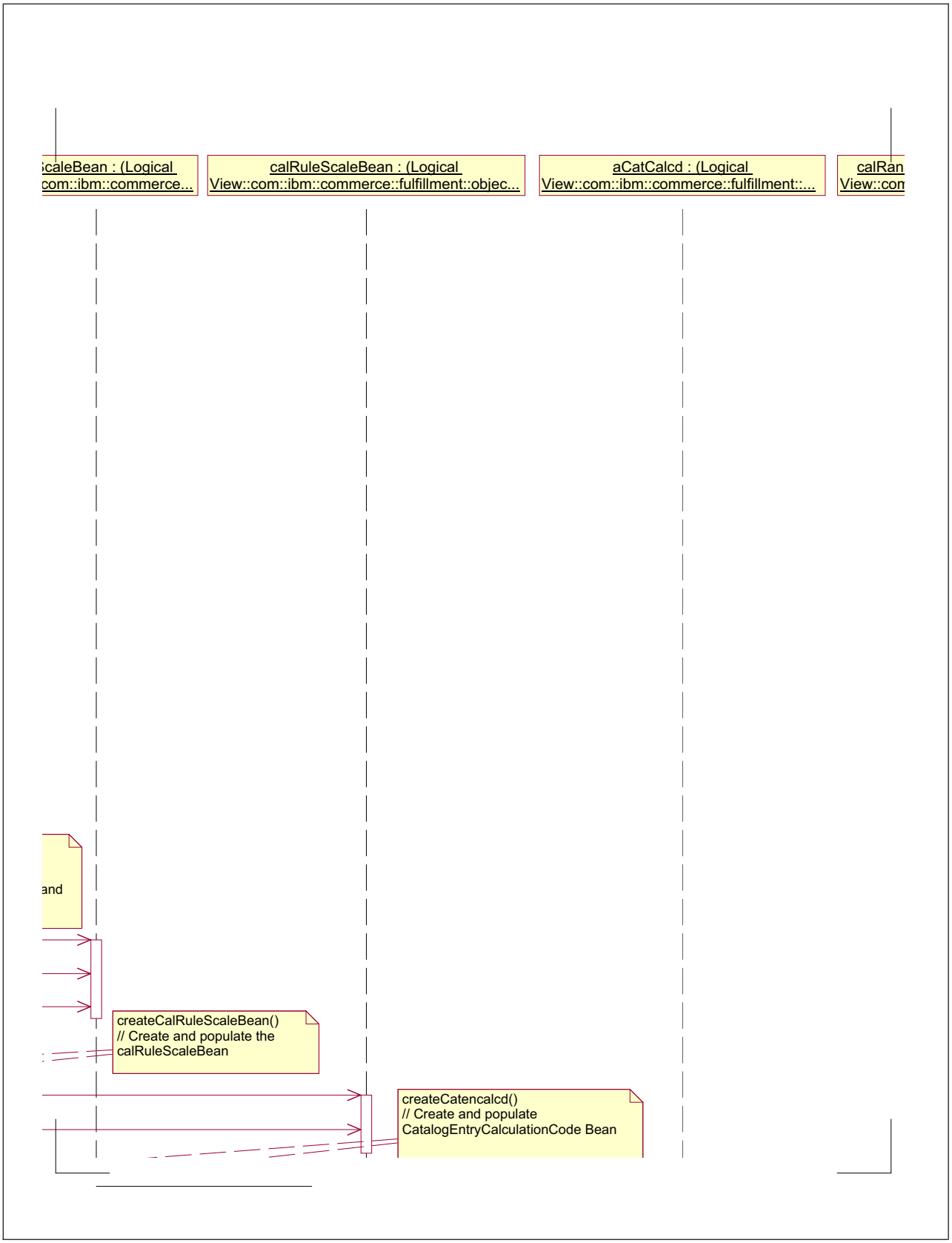

Figure 48. CreateDiscount sequence diagram, 3 of 8 (1,3)

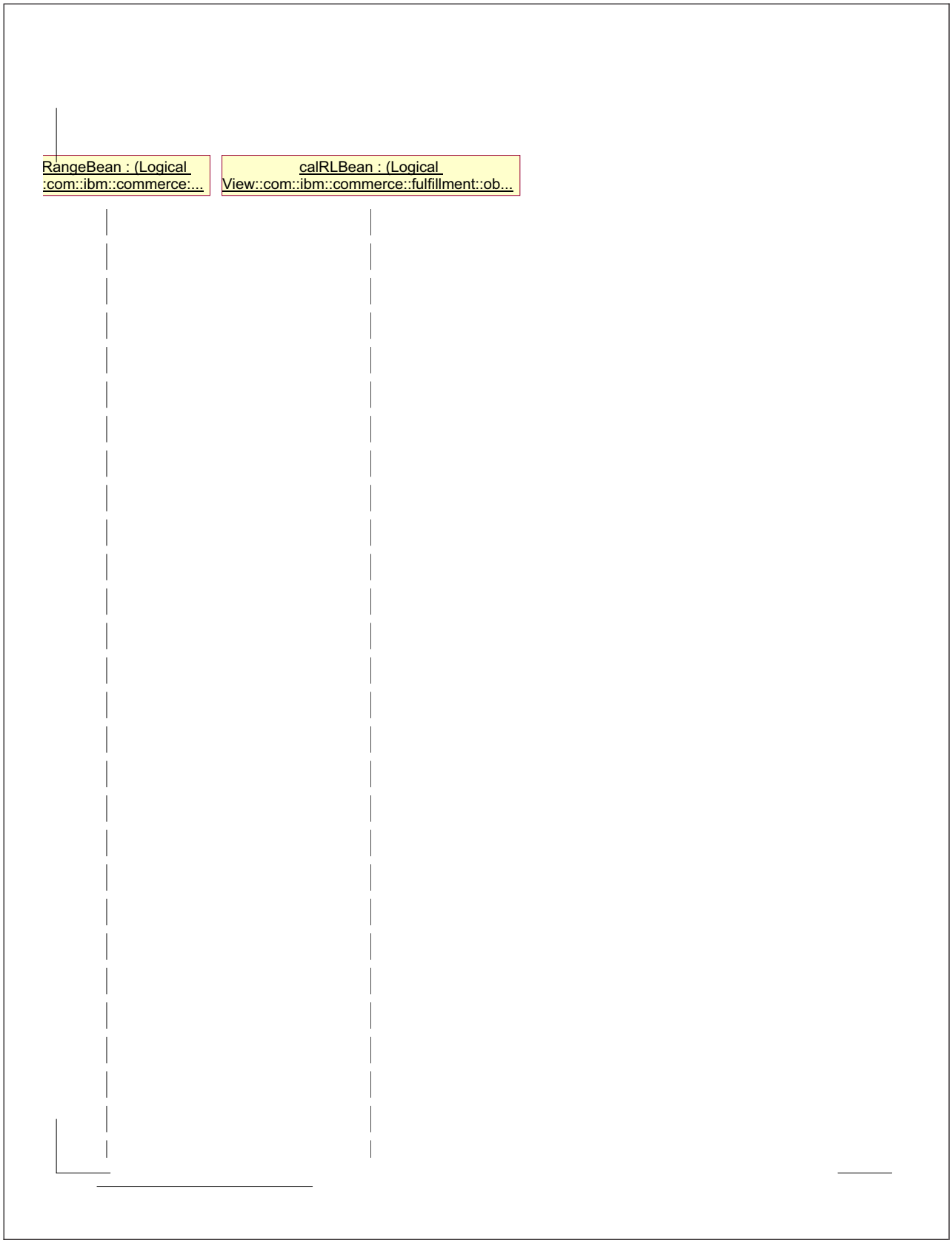

Figure 49. CreateDiscount sequence diagram, 4 of 8 (1,4)

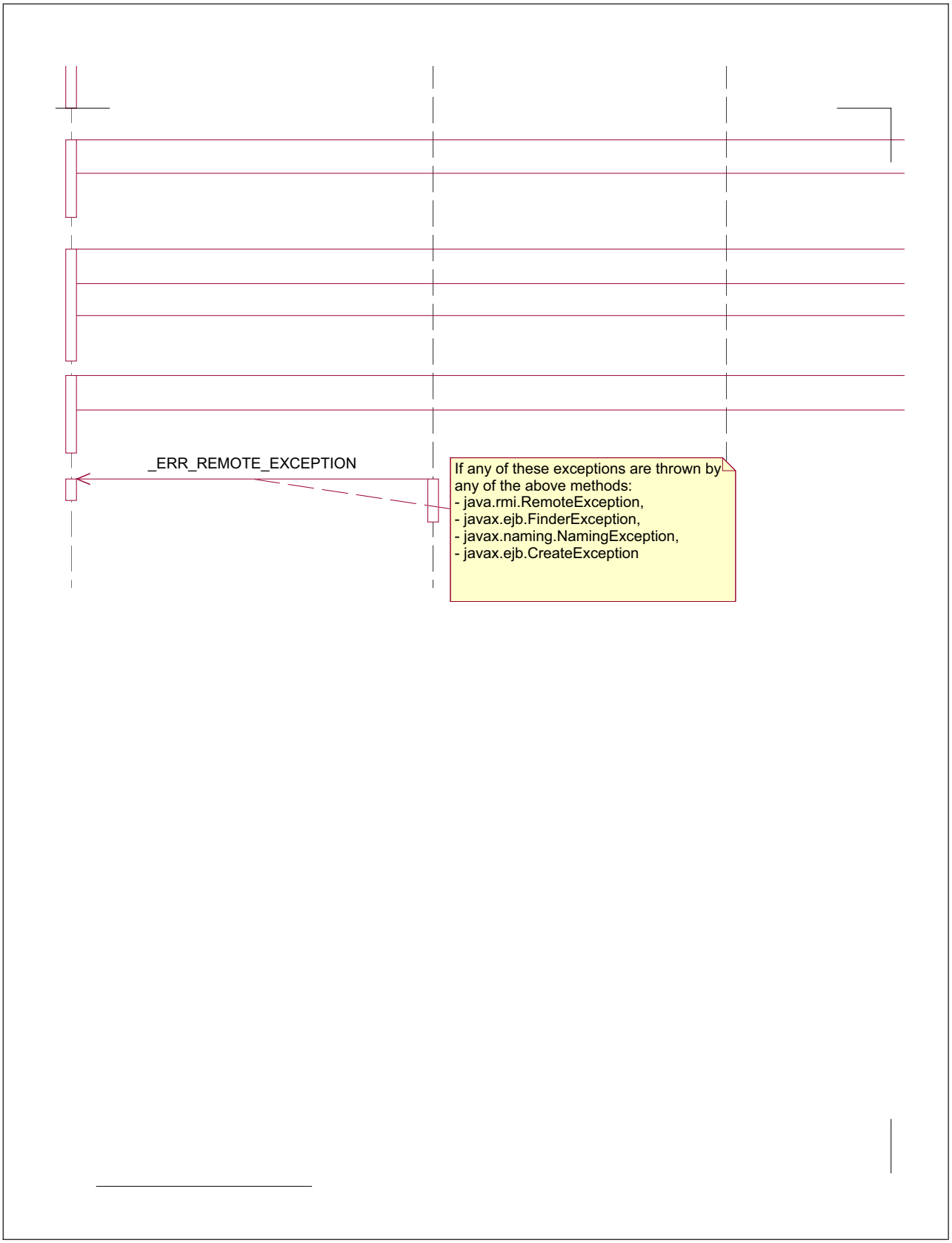

Figure 50. CreateDiscount sequence diagram, 5 of 8 (2,1)

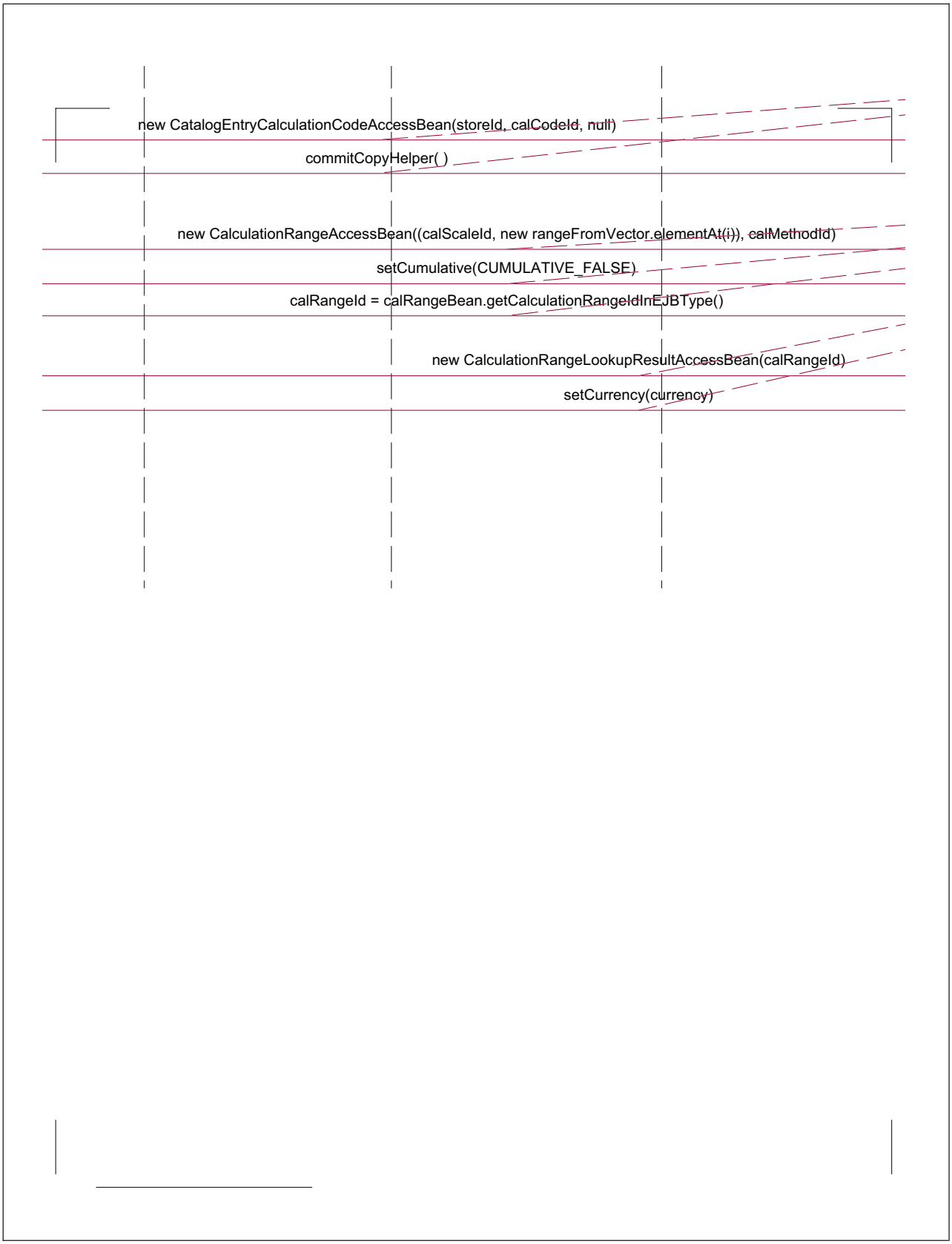

Figure 51. CreateDiscount sequence diagram, 6 of 8 (2,2)

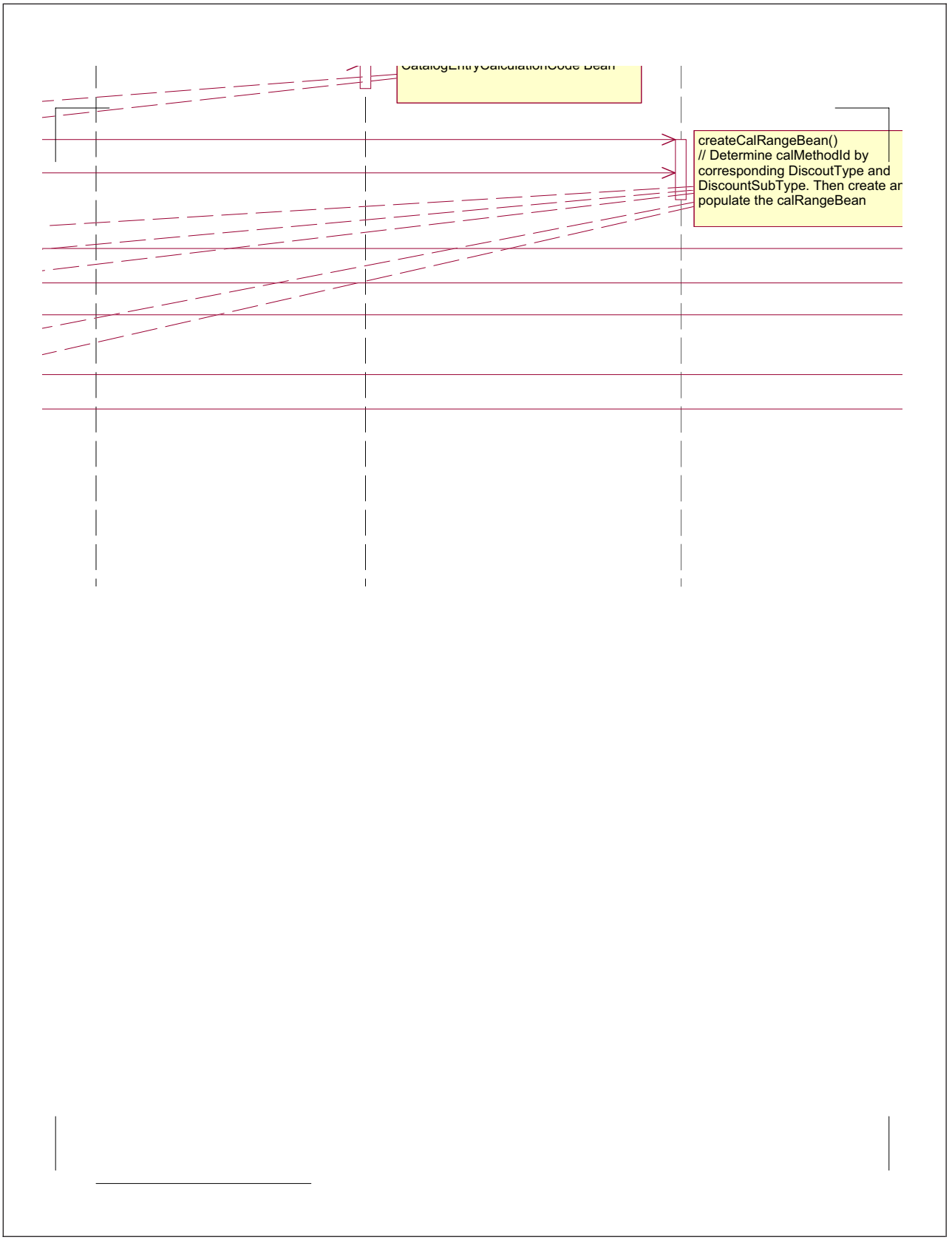

Figure 52. CreateDiscount sequence diagram, 7 of 8 (2,3)

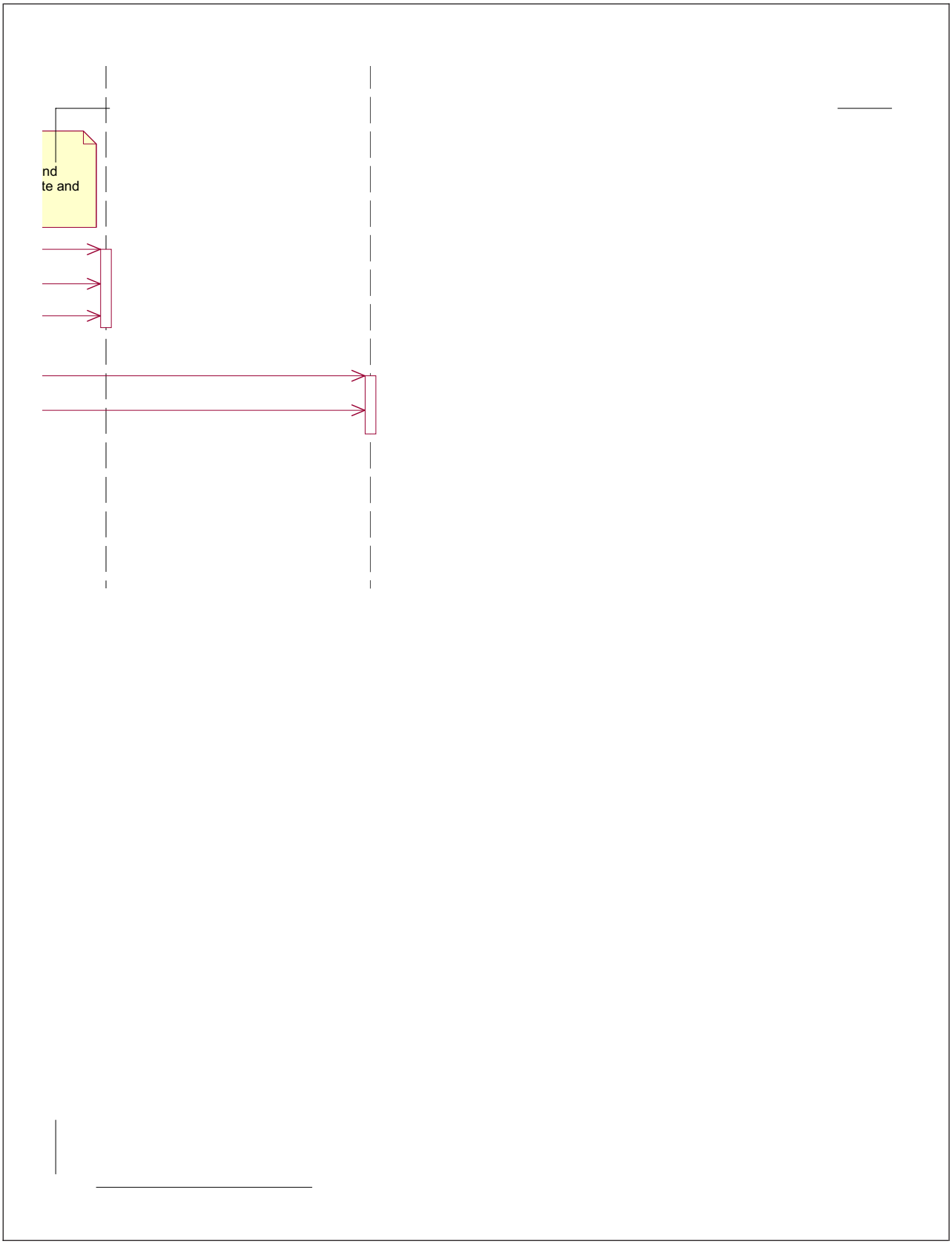

Figure 53. CreateDiscount sequence diagram, 8 of 8 (2,4)

DeallocateExistingInventory sequence diagram

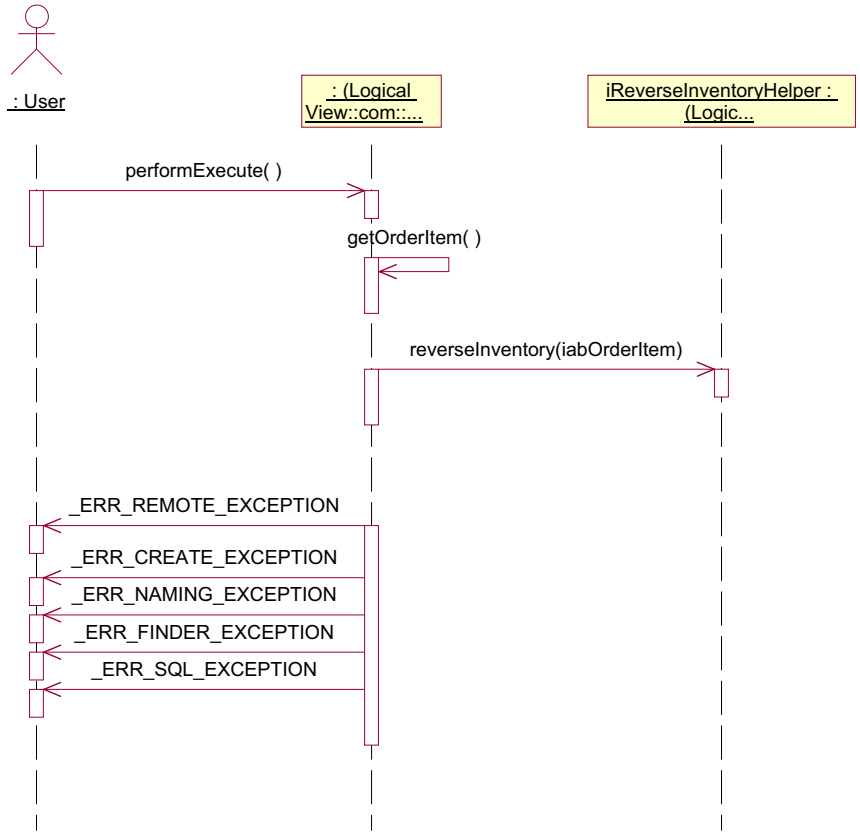

Figure 54. DeallocateExistingInventory sequence diagram

DeallocateExpectedInventory sequence diagram

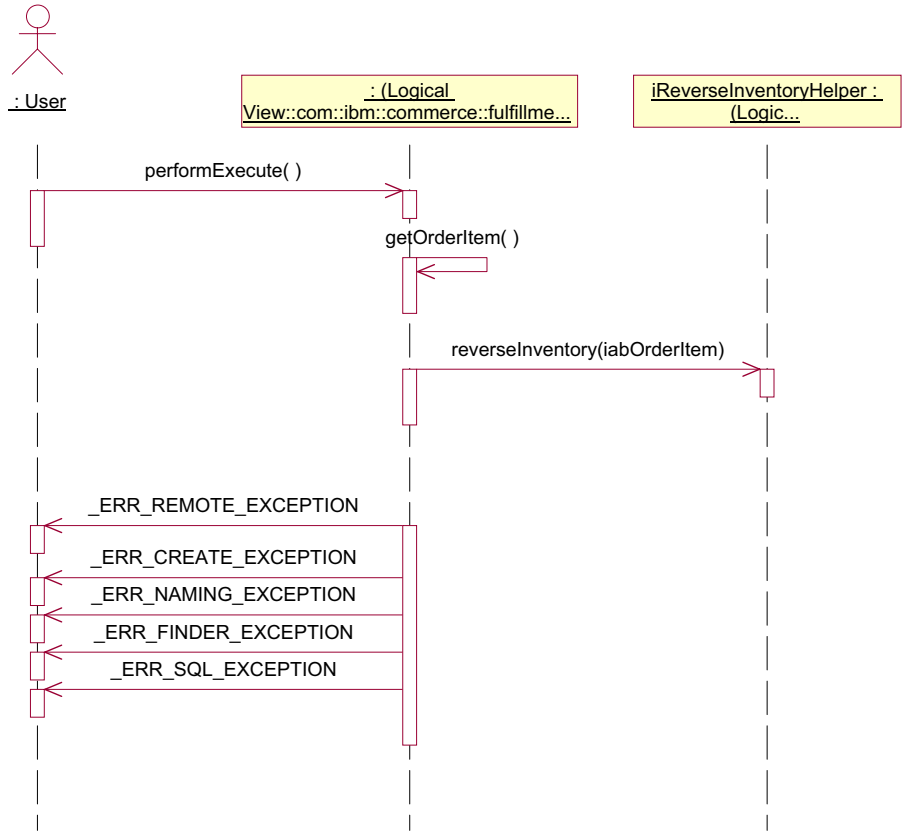

Figure 55. DeallocateExpectedInventory sequence diagram, 1 of 2 (1,1)

Figure 56. DeallocateExpectedInventory sequence diagram, 2 of 2 (1,2)

DetermineReturnCreditVehicle sequence diagram

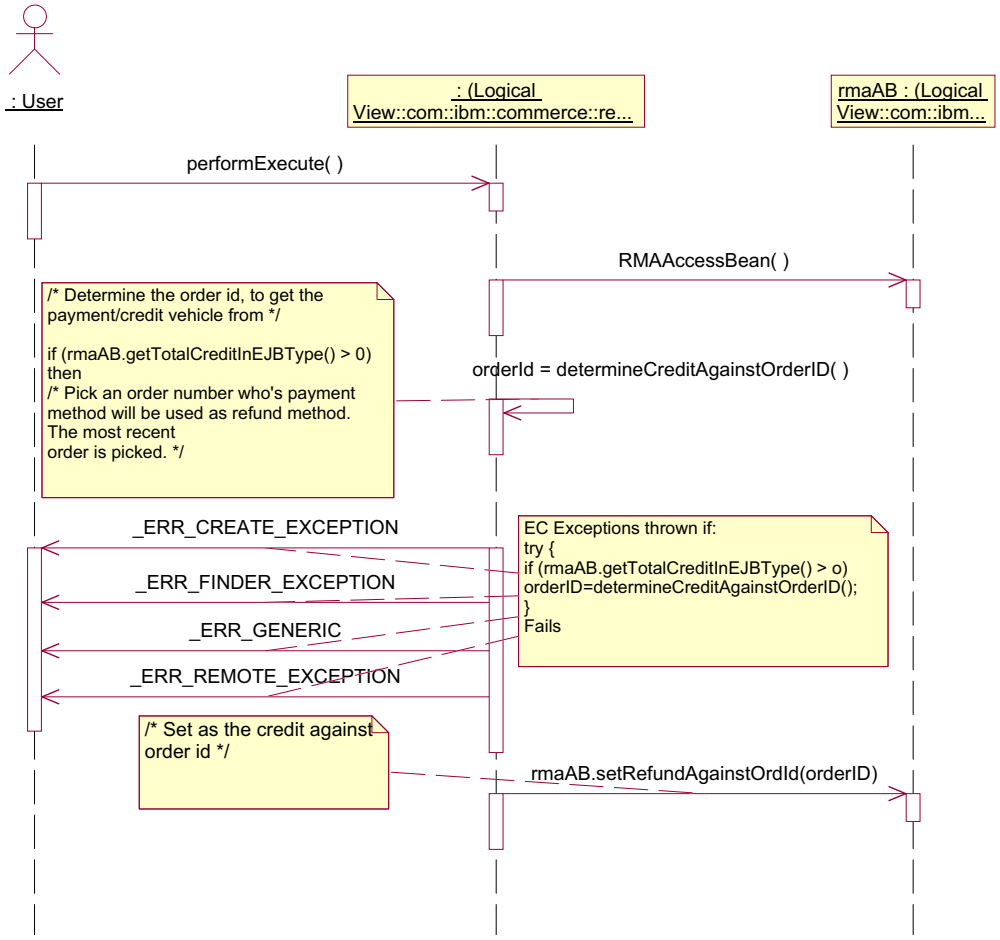

Figure 57. DetermineReturnCreditVehicle sequence diagram

DetermineWinners sequence diagram

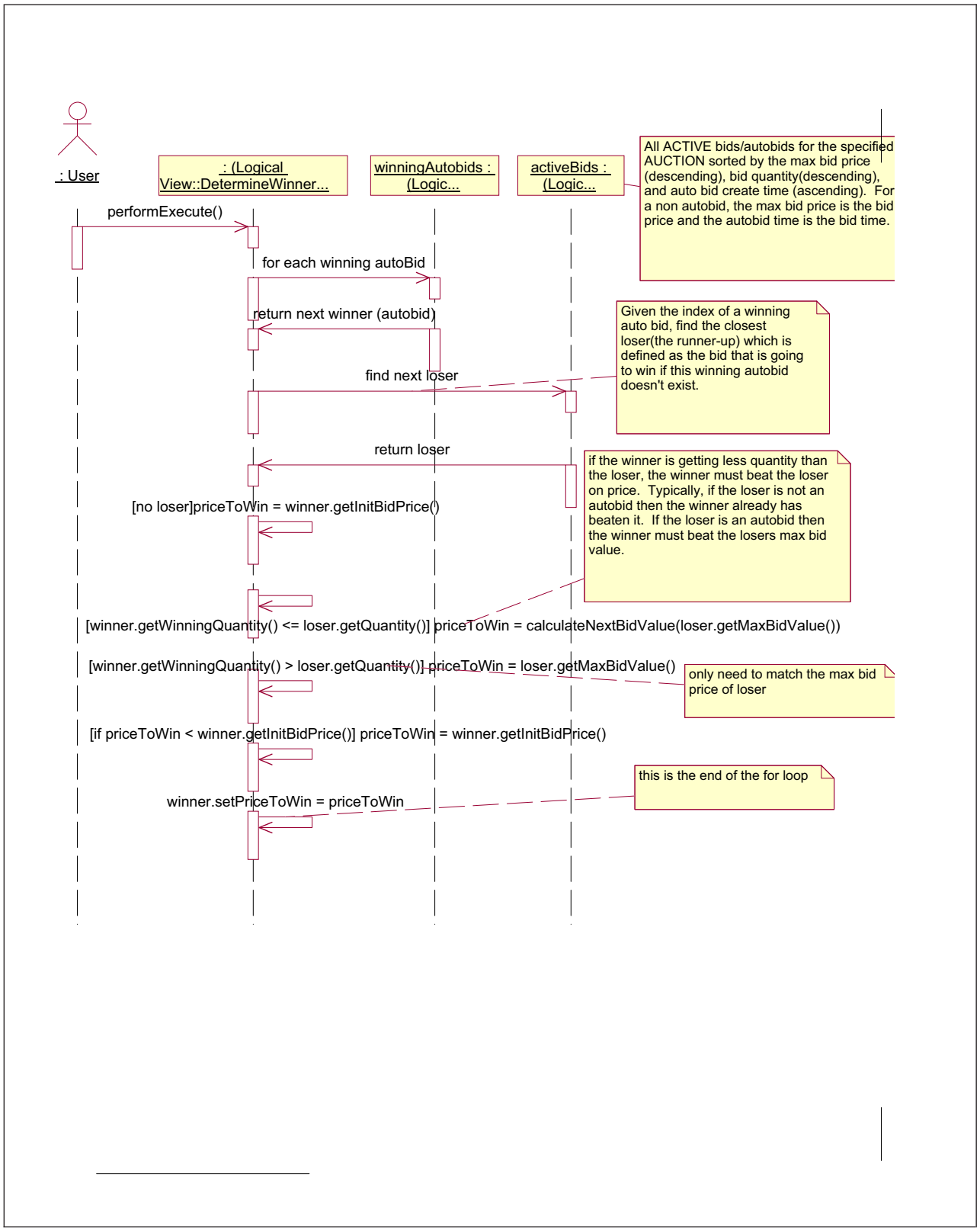

Figure 58. DetermineWinners sequence diagram, 1 of 2 (1,1)

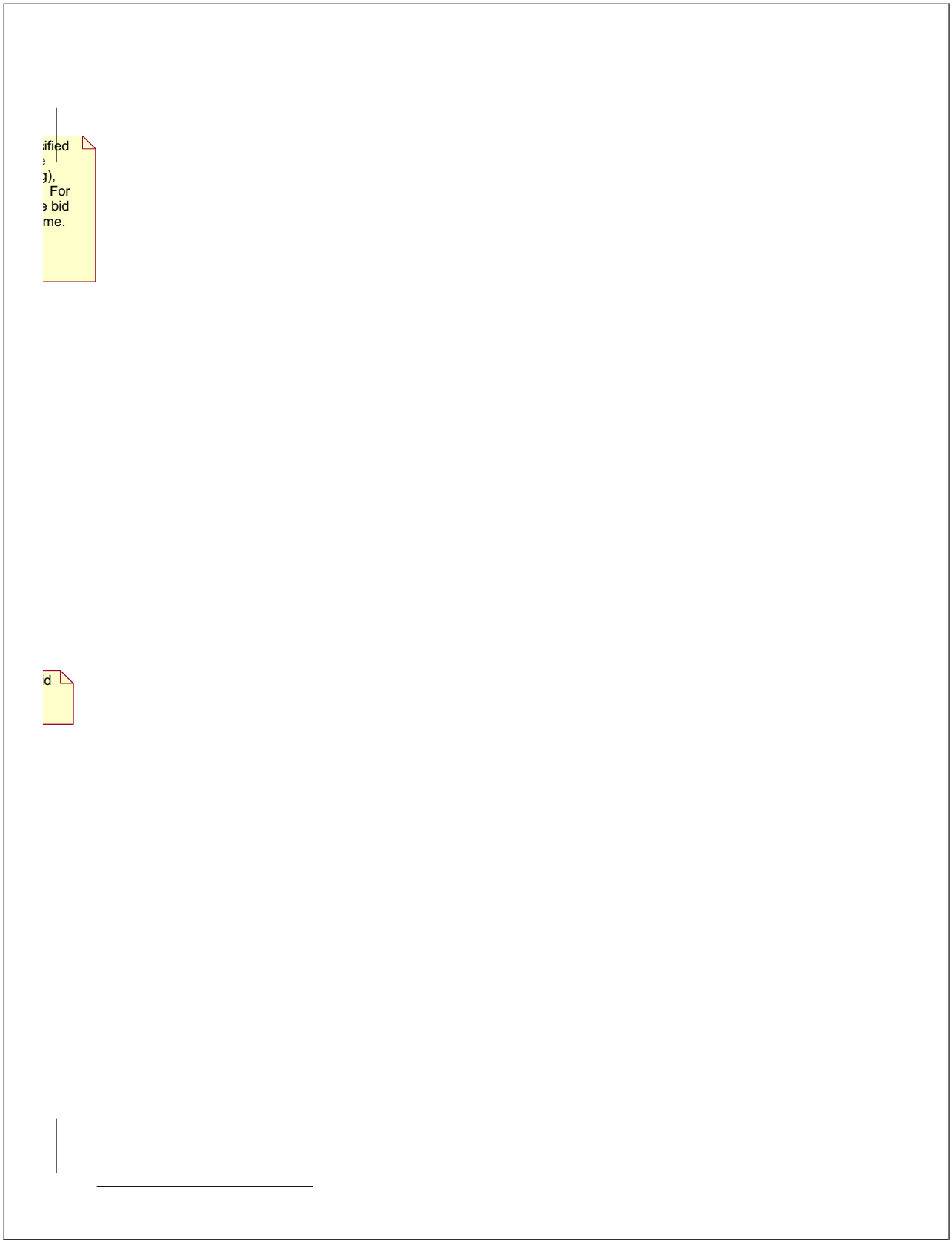

Figure 59. DeallocateExpectedInventory sequence diagram, 2 of 2 (1,2)

DoPaymentTest sequence diagram

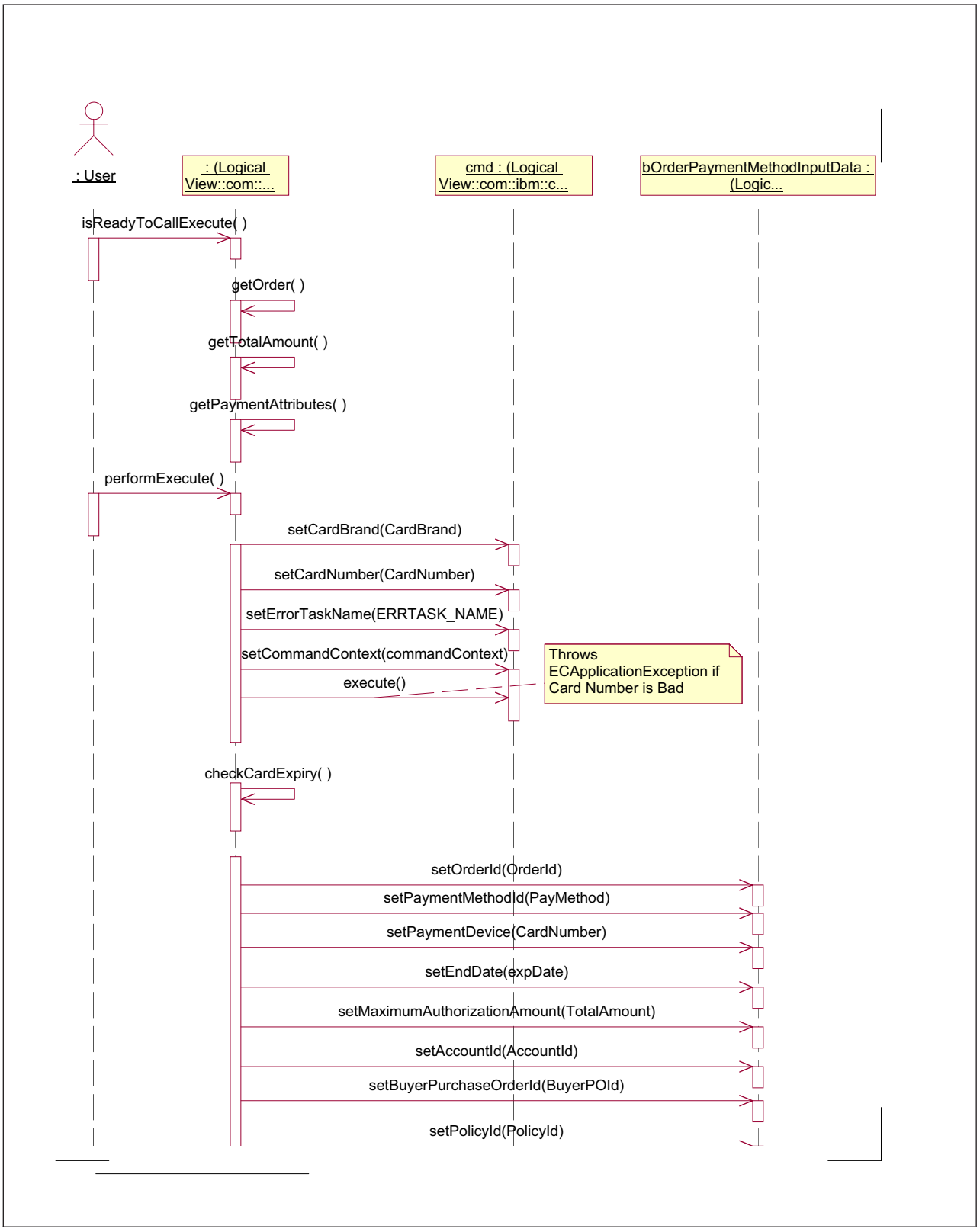

Figure 60. DoPaymentTest sequence diagram, 1 of 4 (1,1)

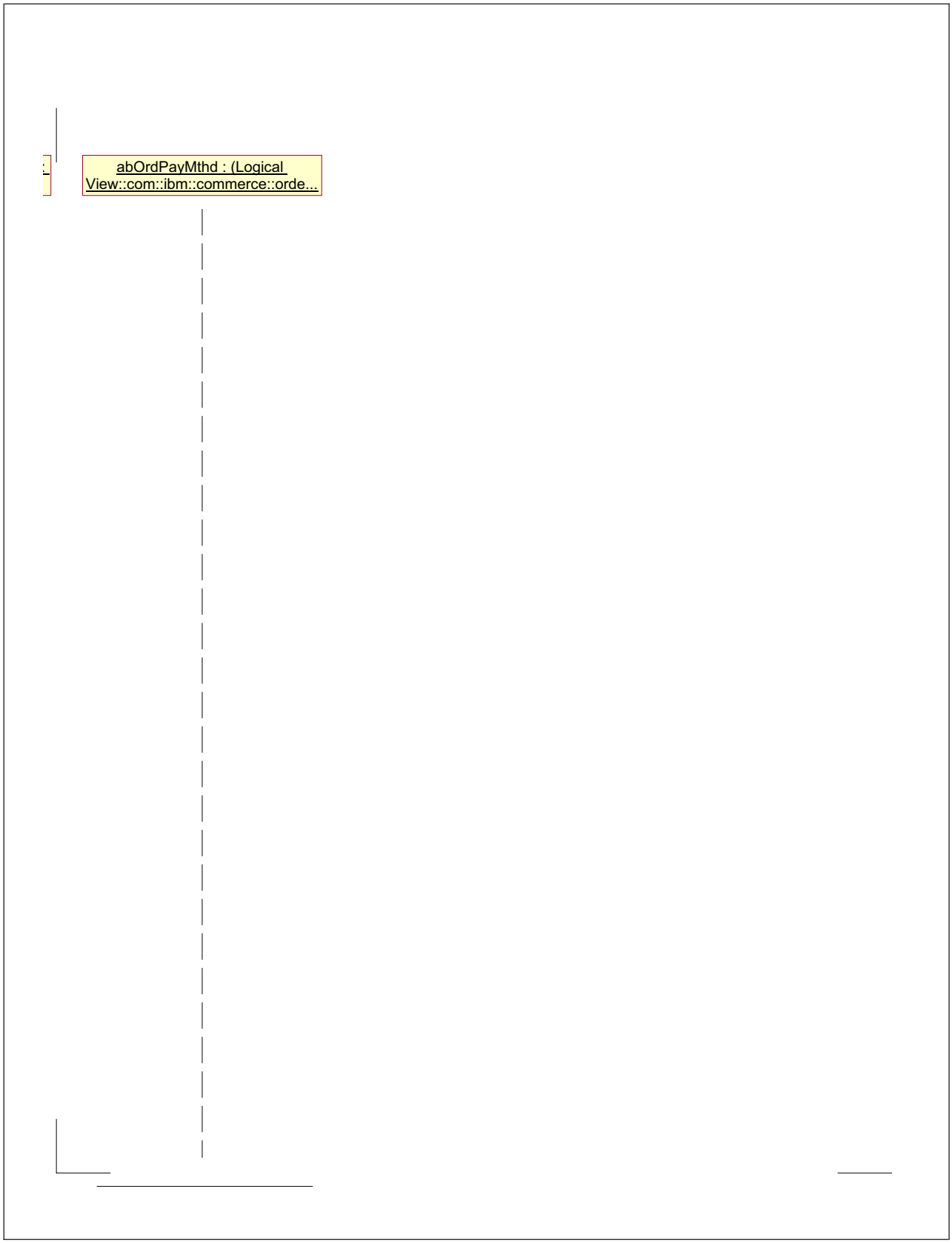

Figure 61. DoPaymentTest sequence diagram, 2 of 4 (1,2)

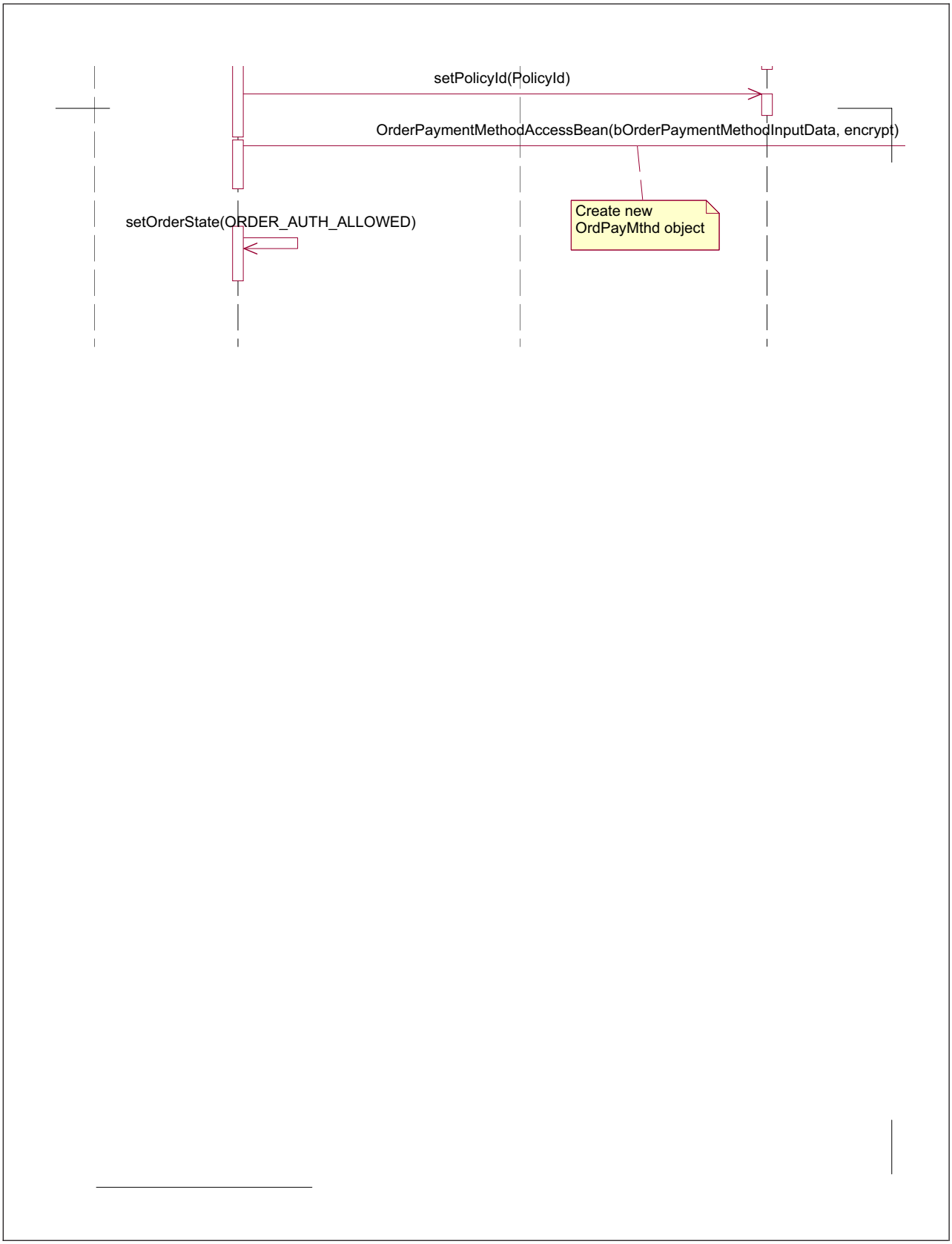

Figure 62. DoPaymentTest sequence diagram, 3 of 4 (2,1)

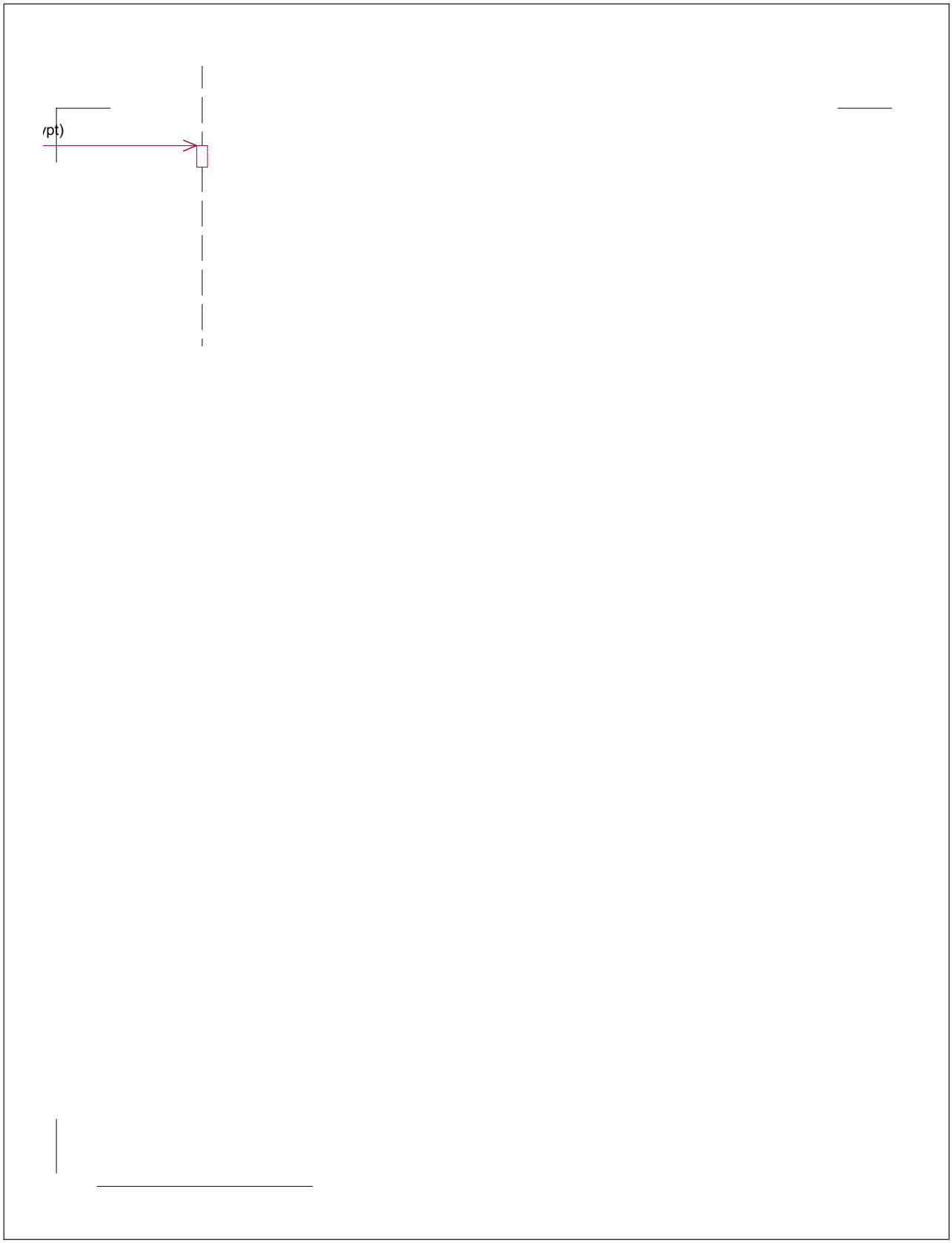

Figure 63. DoPaymentTest sequence diagram, 4 of 4 (2,2)

DoRefundTest sequence diagram

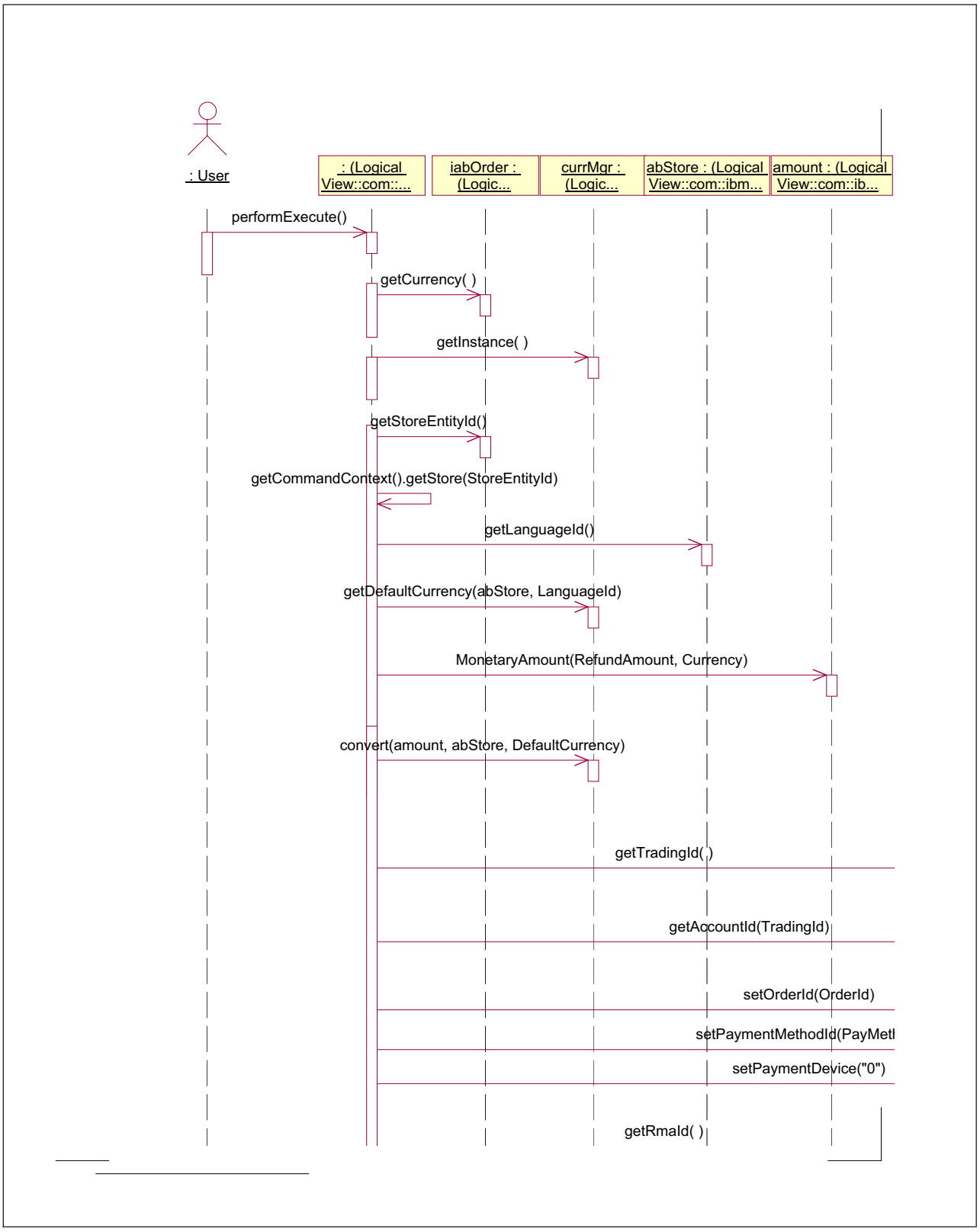

Figure 64. DoRefundTest sequence diagram, 1 of 4 (1,1)

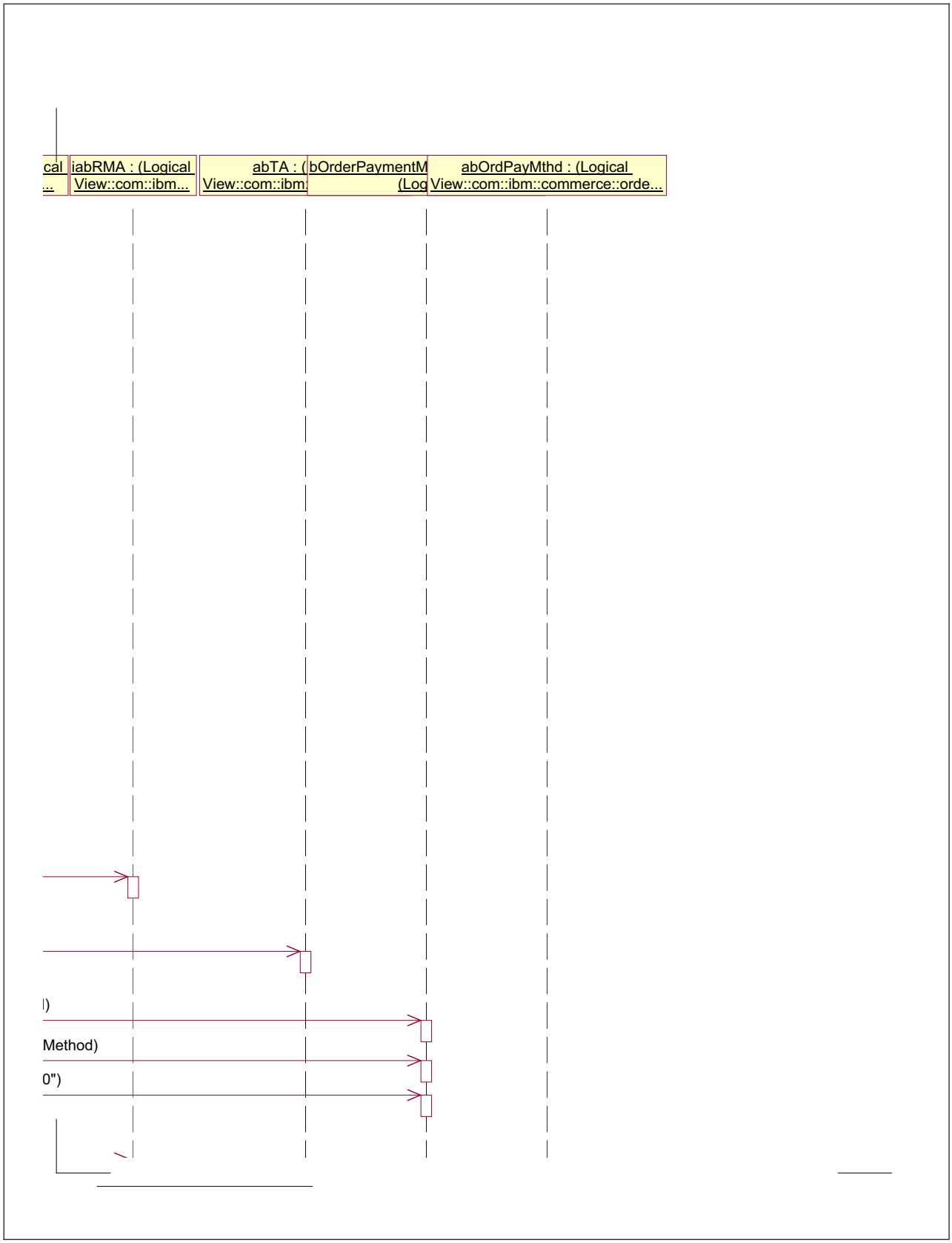

Figure 65. DoRefundTest sequence diagram, 2 of 4 (1,2)

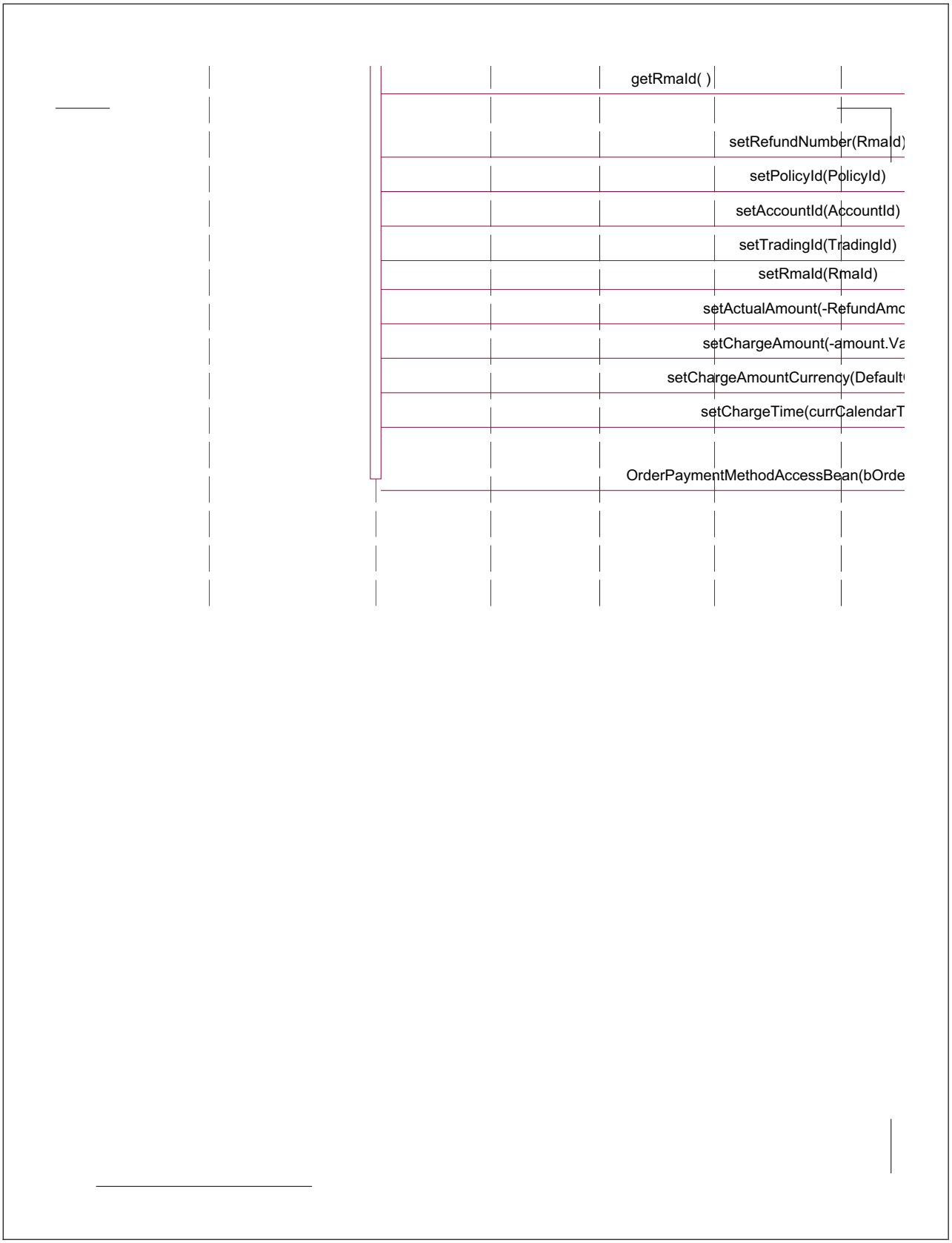

Figure 66. DoRefundTest sequence diagram, 3 of 4 (2,1)

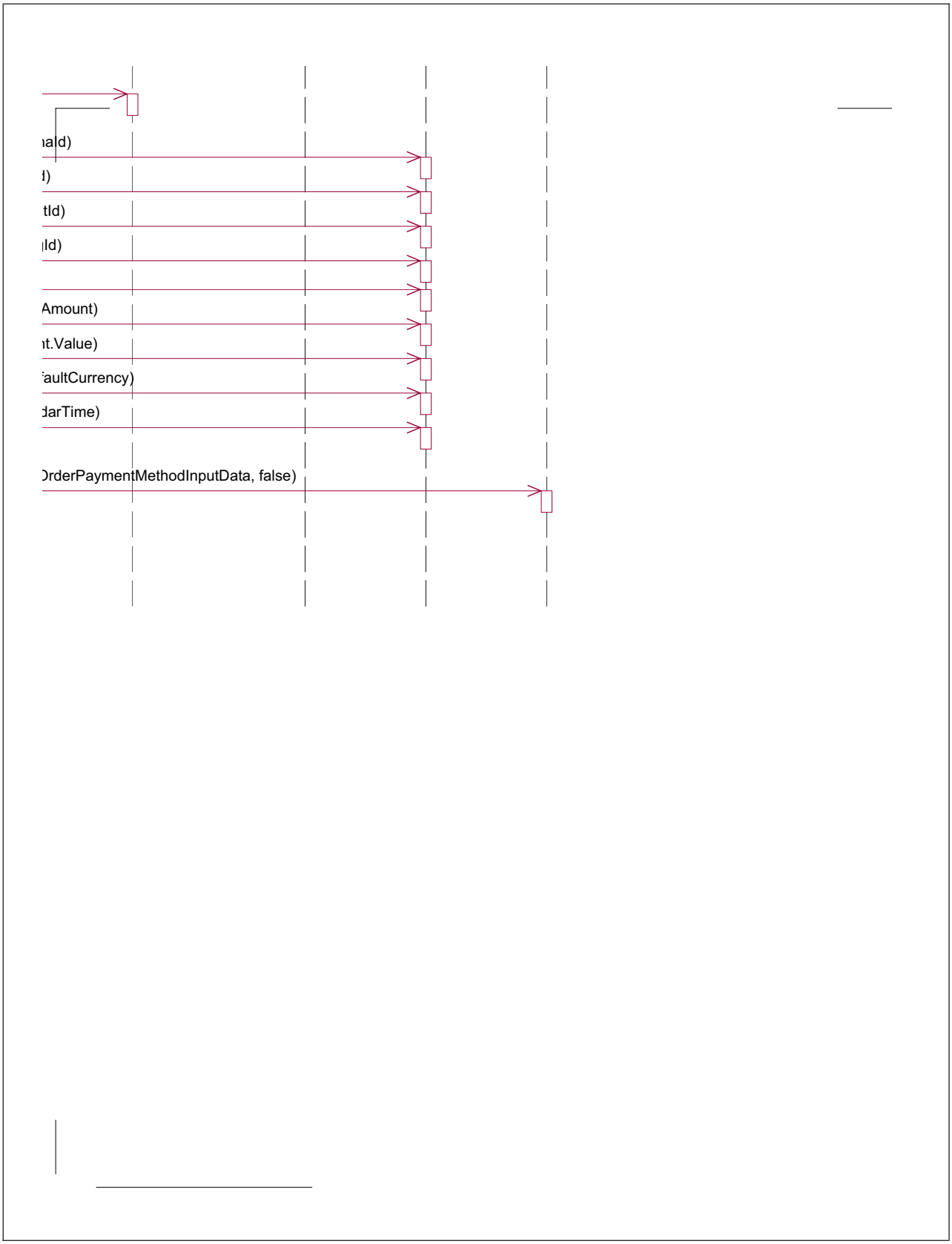

Figure 67. DoRefundTest sequence diagram, 4 of 4 (2,2)

GetBaseUnitPrice sequence diagram

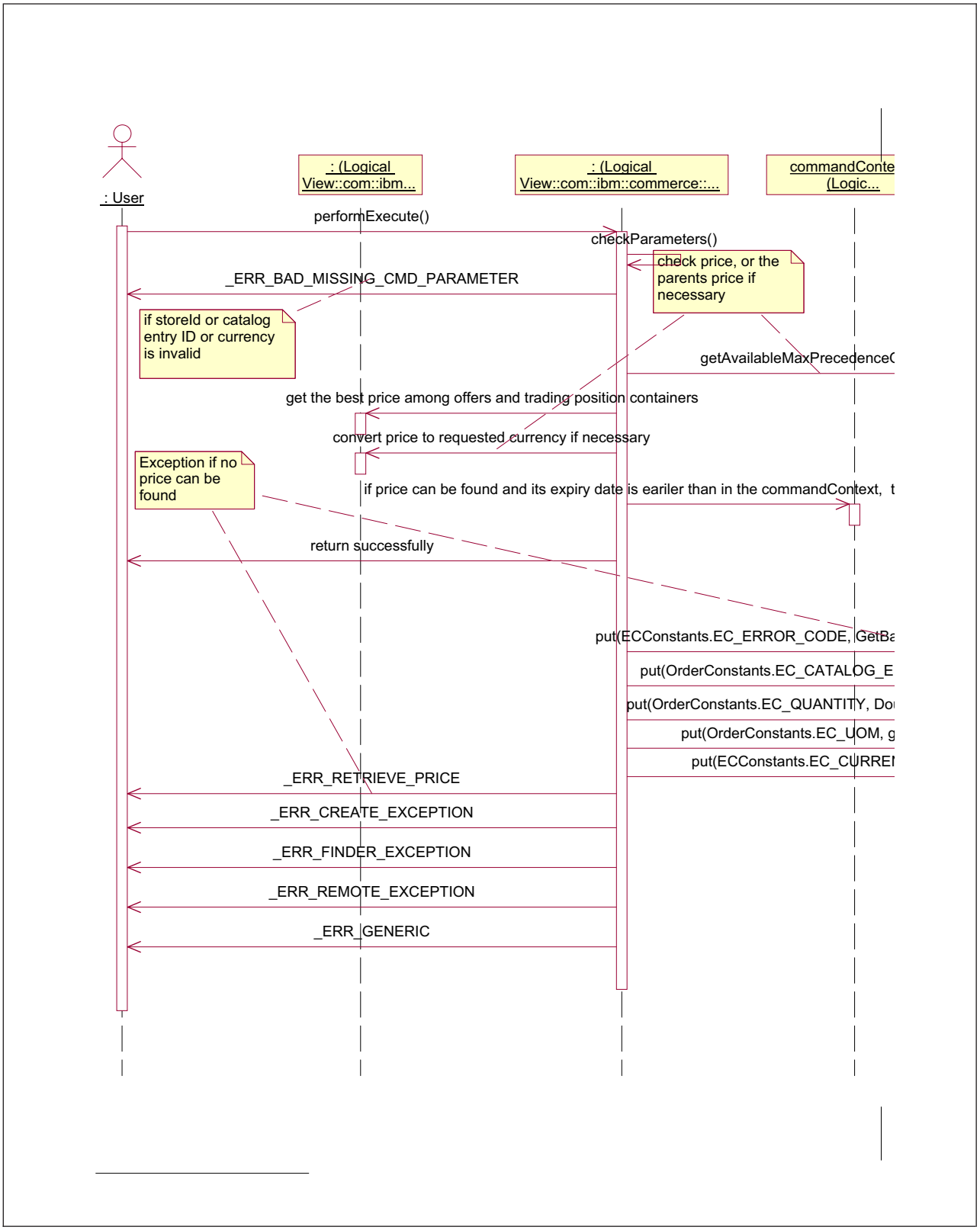

Figure 68. GetBaseUnitPrice sequence diagram, 1 of 2 (1,1)

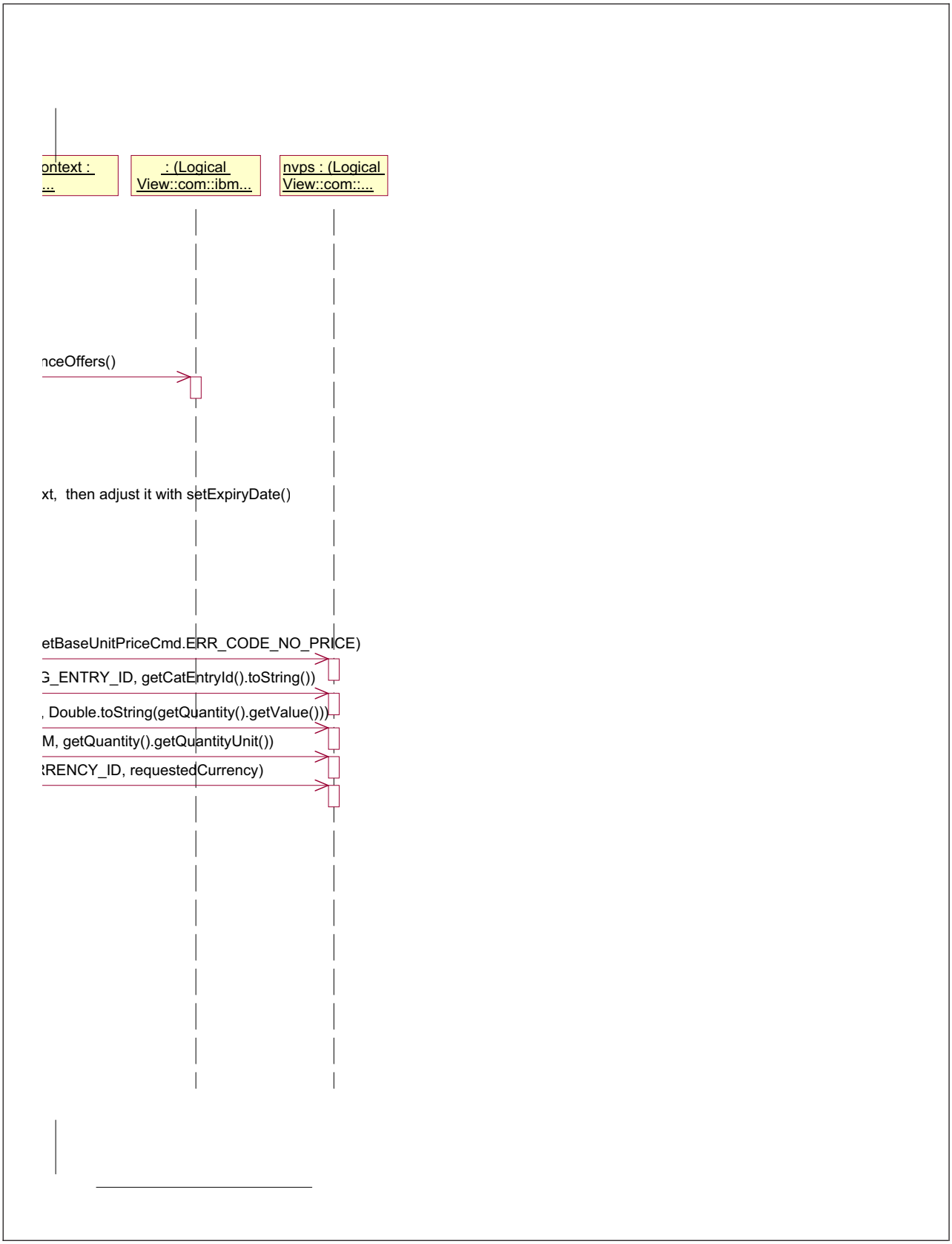

Figure 69. GetBaseUnitPrice sequence diagram, 2 of 2 (1,2)

GetContractUnitPrice sequence diagram

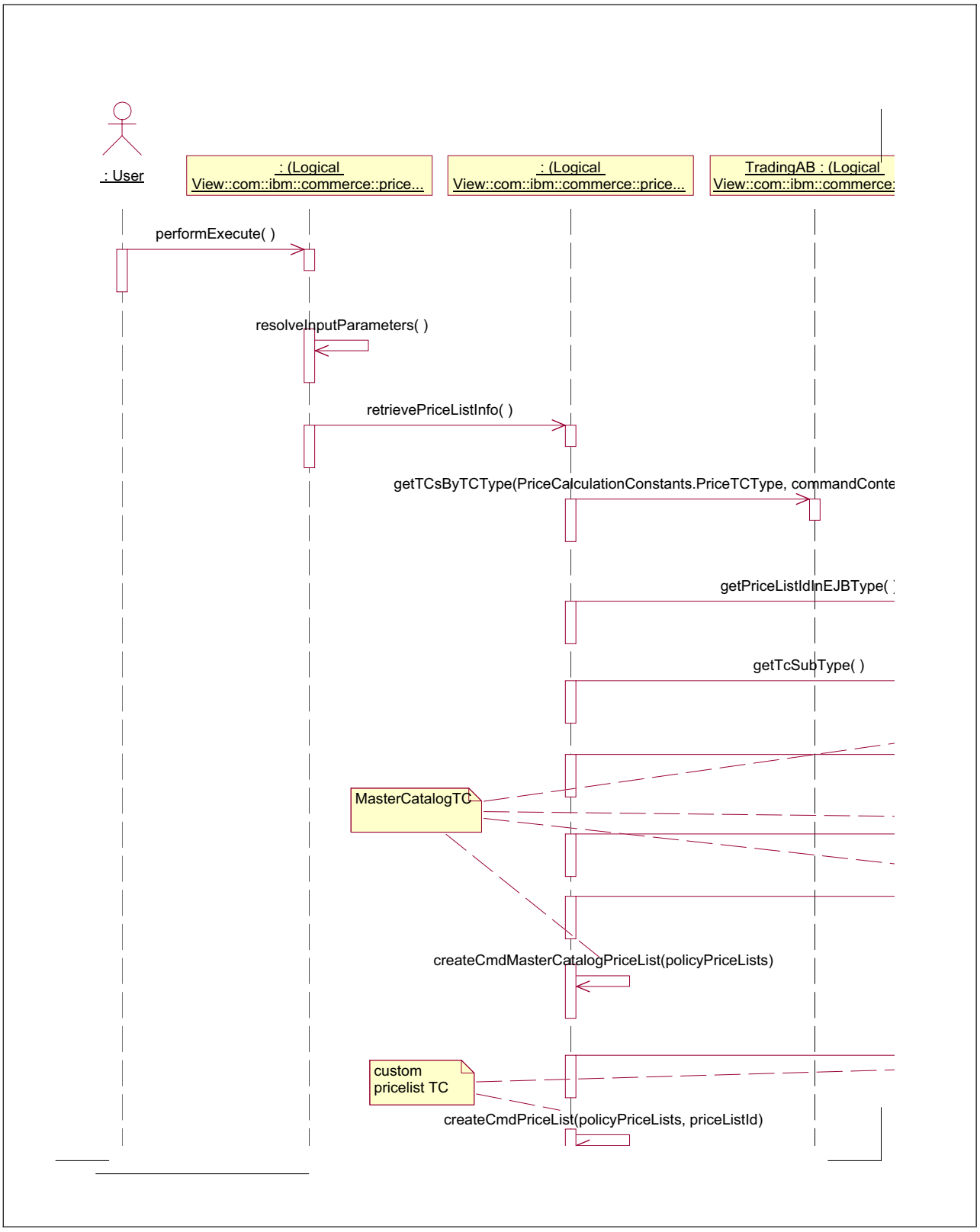

Figure 70. GetContractUnitPrice sequence diagram, 1 of 20 (1,1)

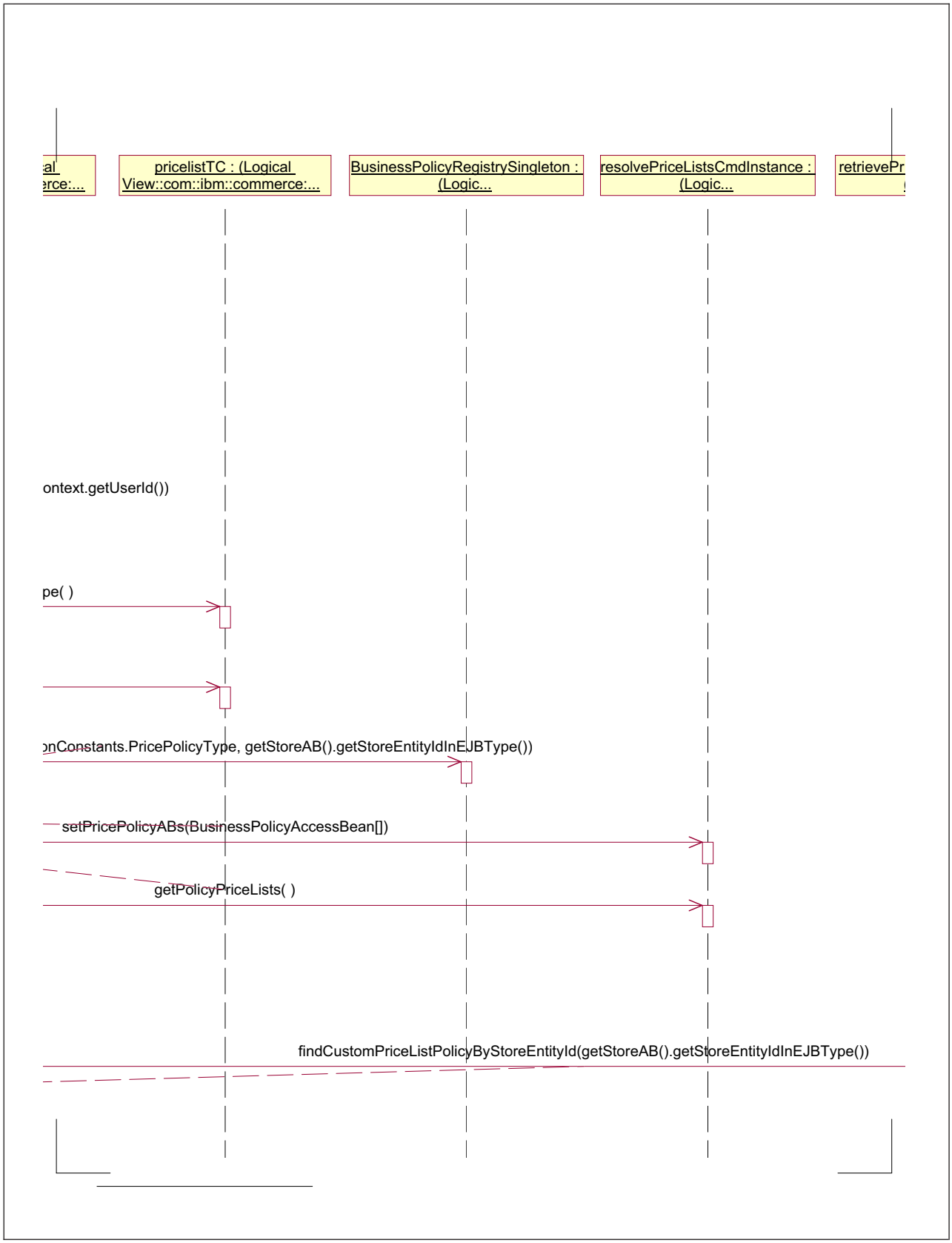

Figure 71. GetContractUnitPrice sequence diagram, 2 of 20 (1,2)

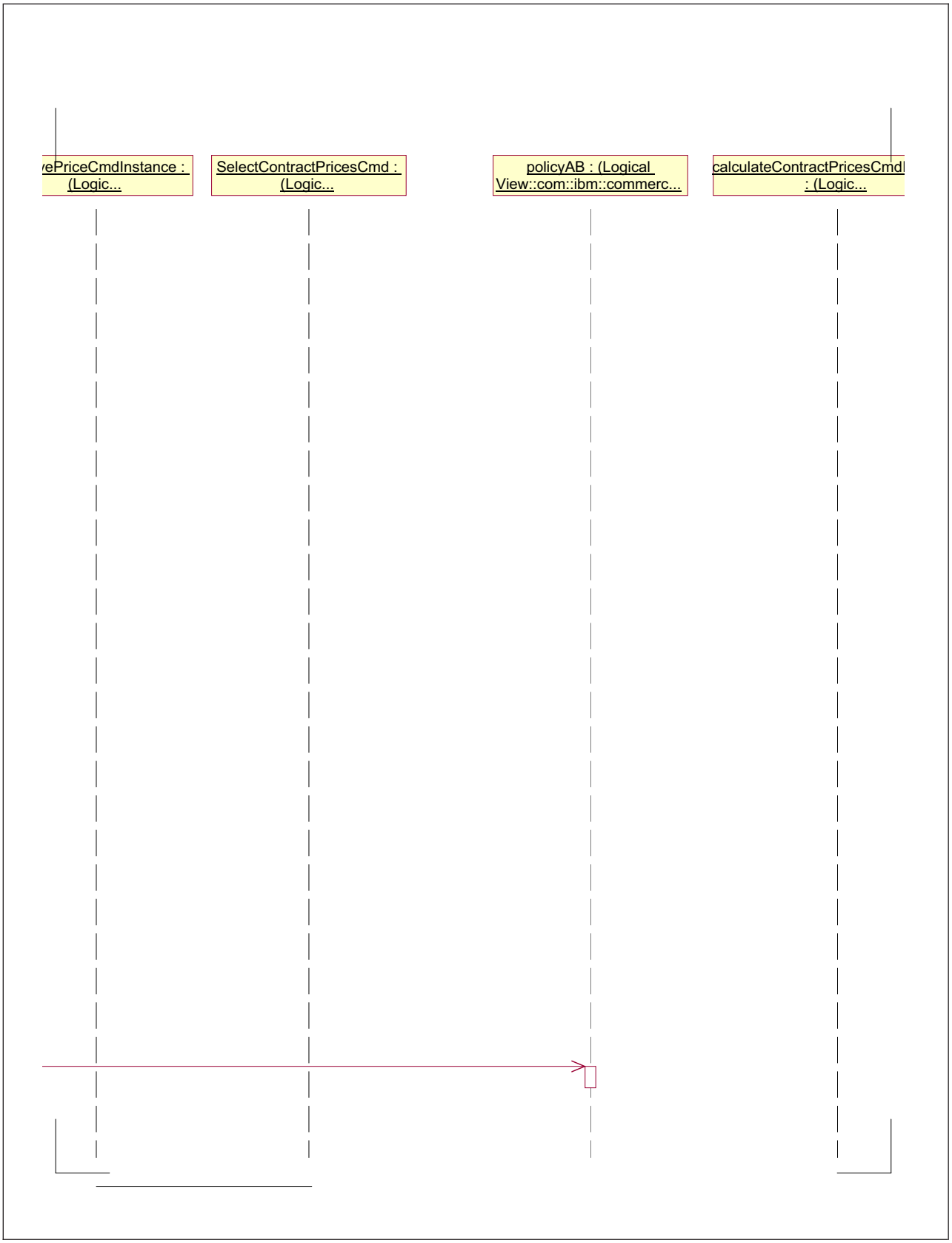

Figure 72. GetContractUnitPrice sequence diagram, 3 of 20 (1,3)

Figure 73. GetContractUnitPrice sequence diagram, 4 of 20 (1,4)

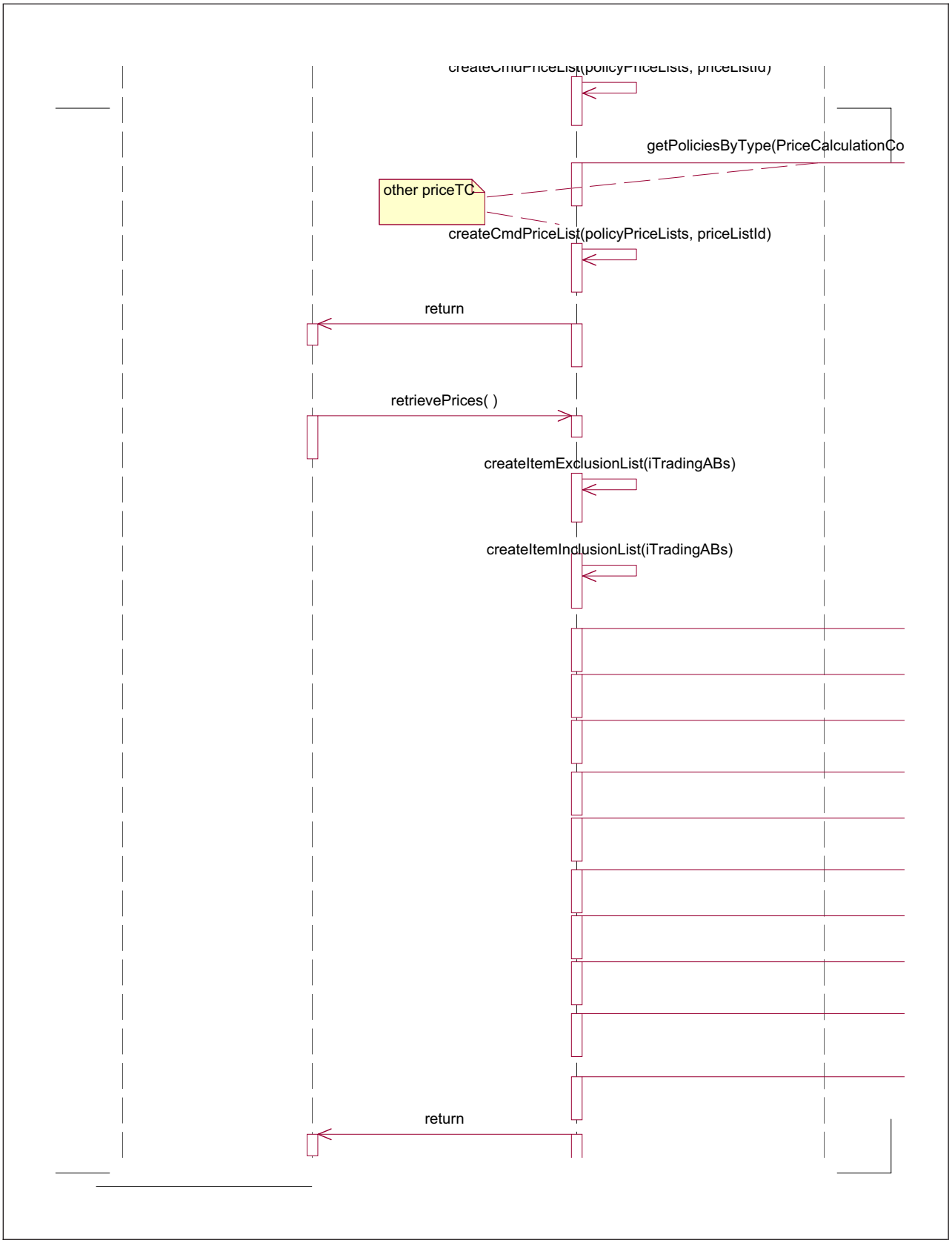

Figure 74. GetContractUnitPrice sequence diagram, 5 of 20 (2,1)

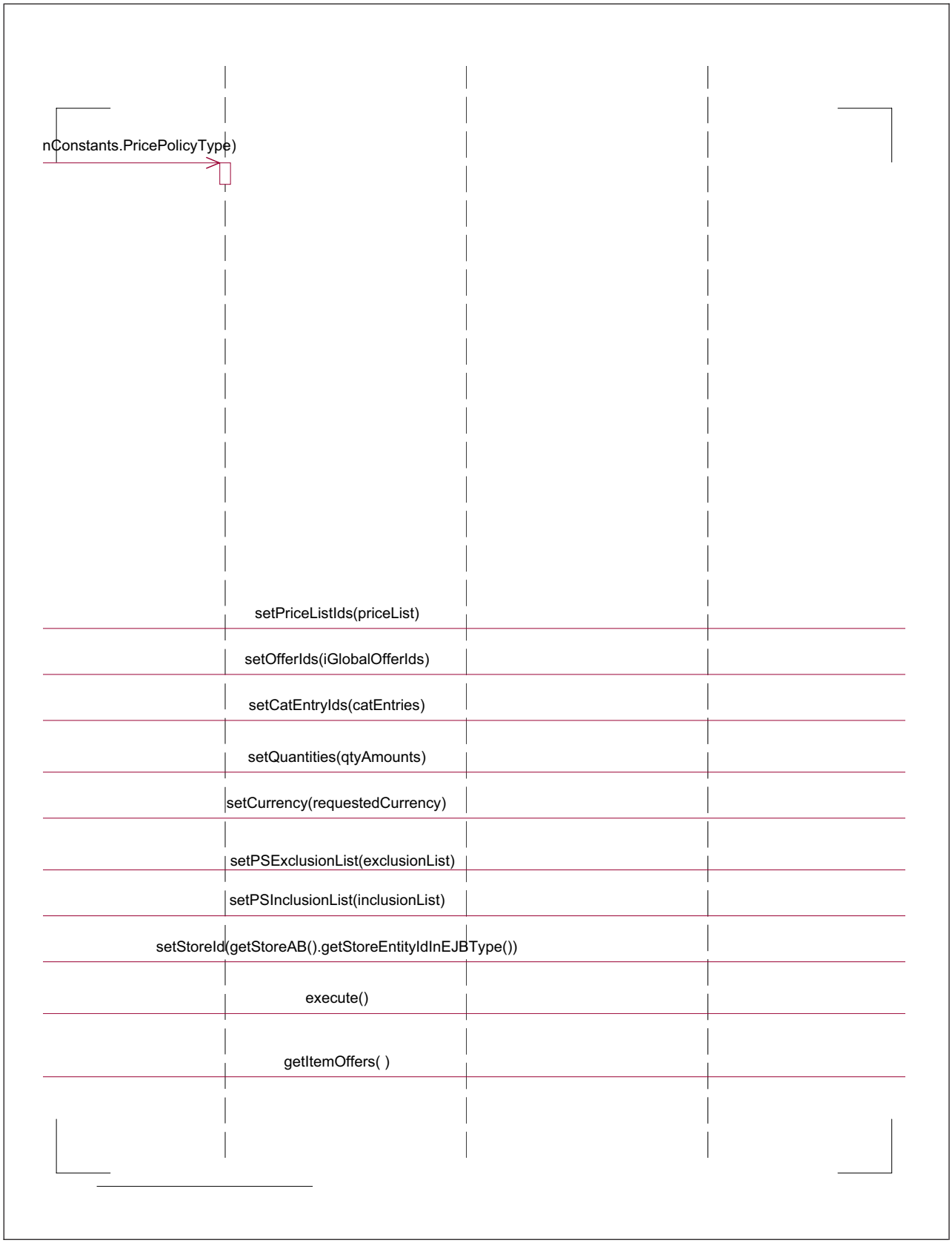

Figure 75. GetContractUnitPrice sequence diagram, 6 of 20 (2,2)

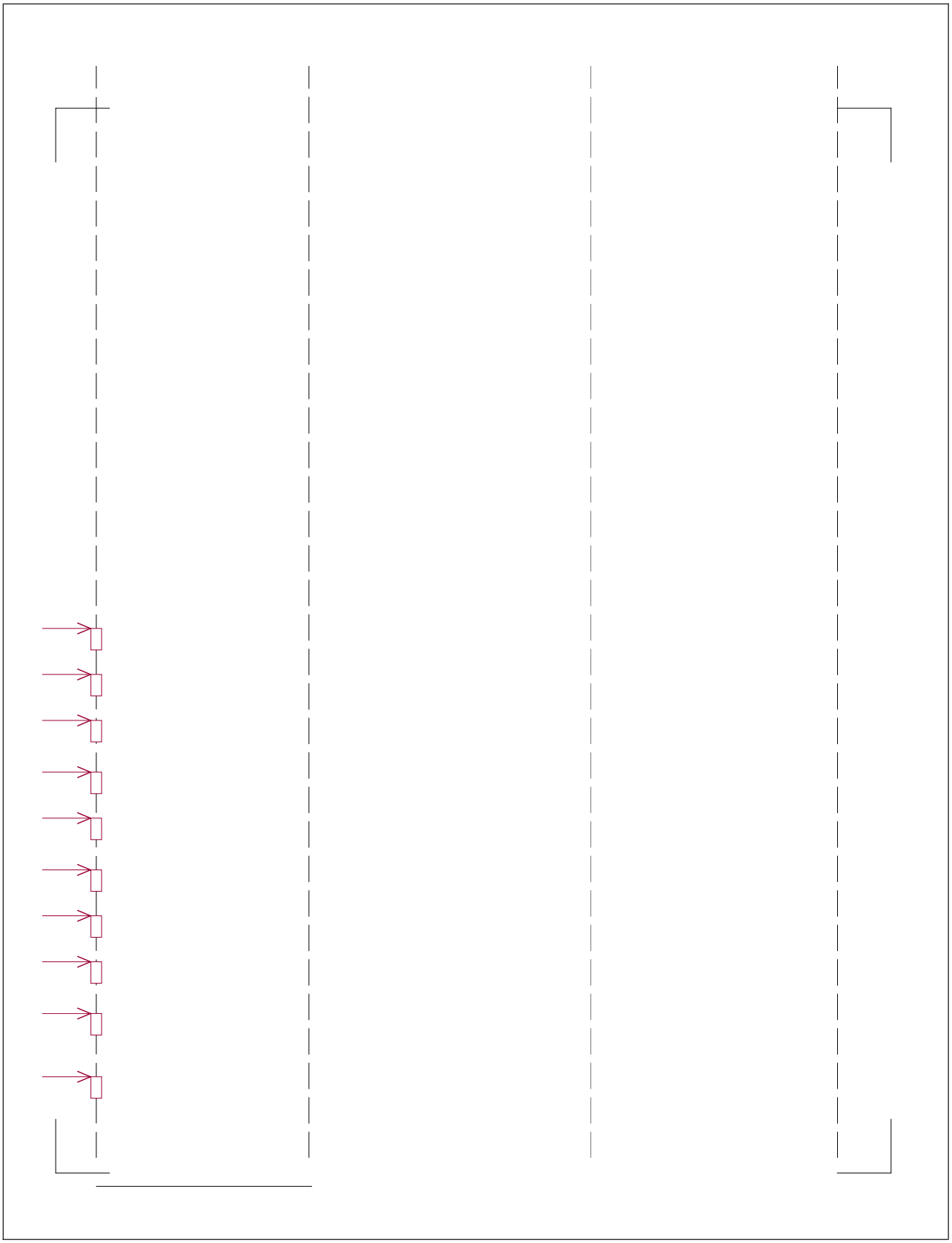

Figure 76. GetContractUnitPrice sequence diagram, 7 of 20 (2,3)

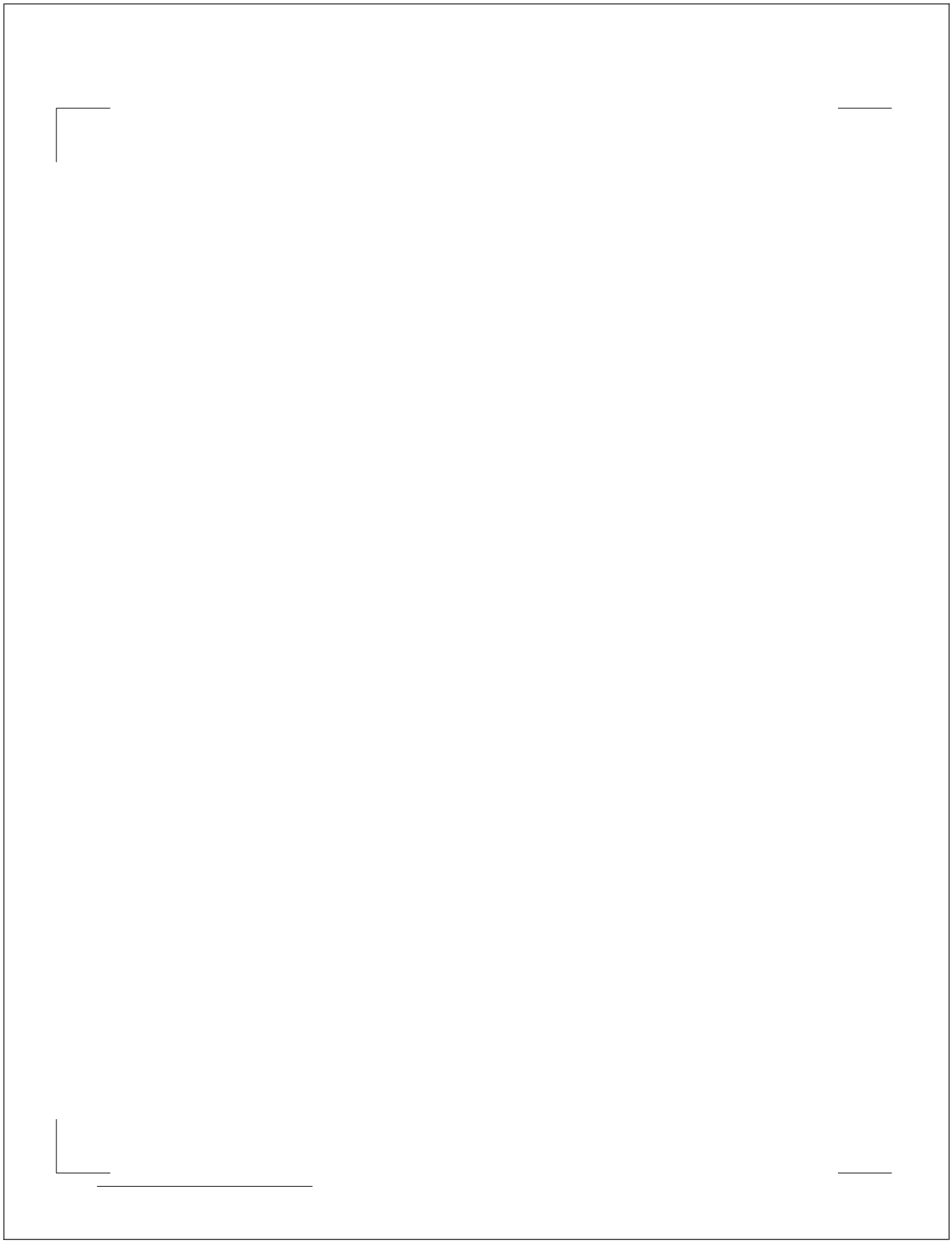

Figure 77. GetContractUnitPrice sequence diagram, 8 of 20 (2,4)

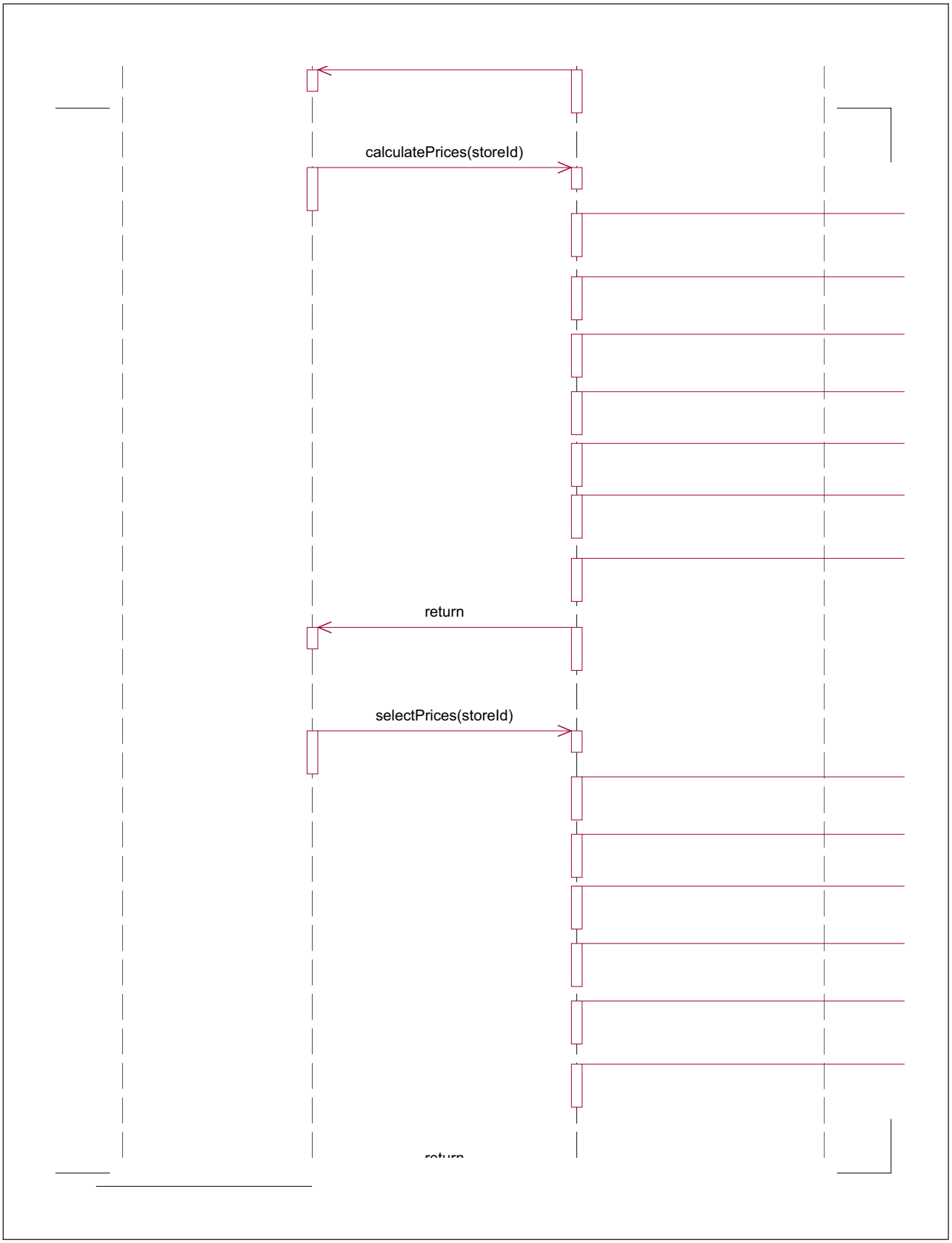

Figure 78. GetContractUnitPrice sequence diagram, 9 of 20 (3,1)

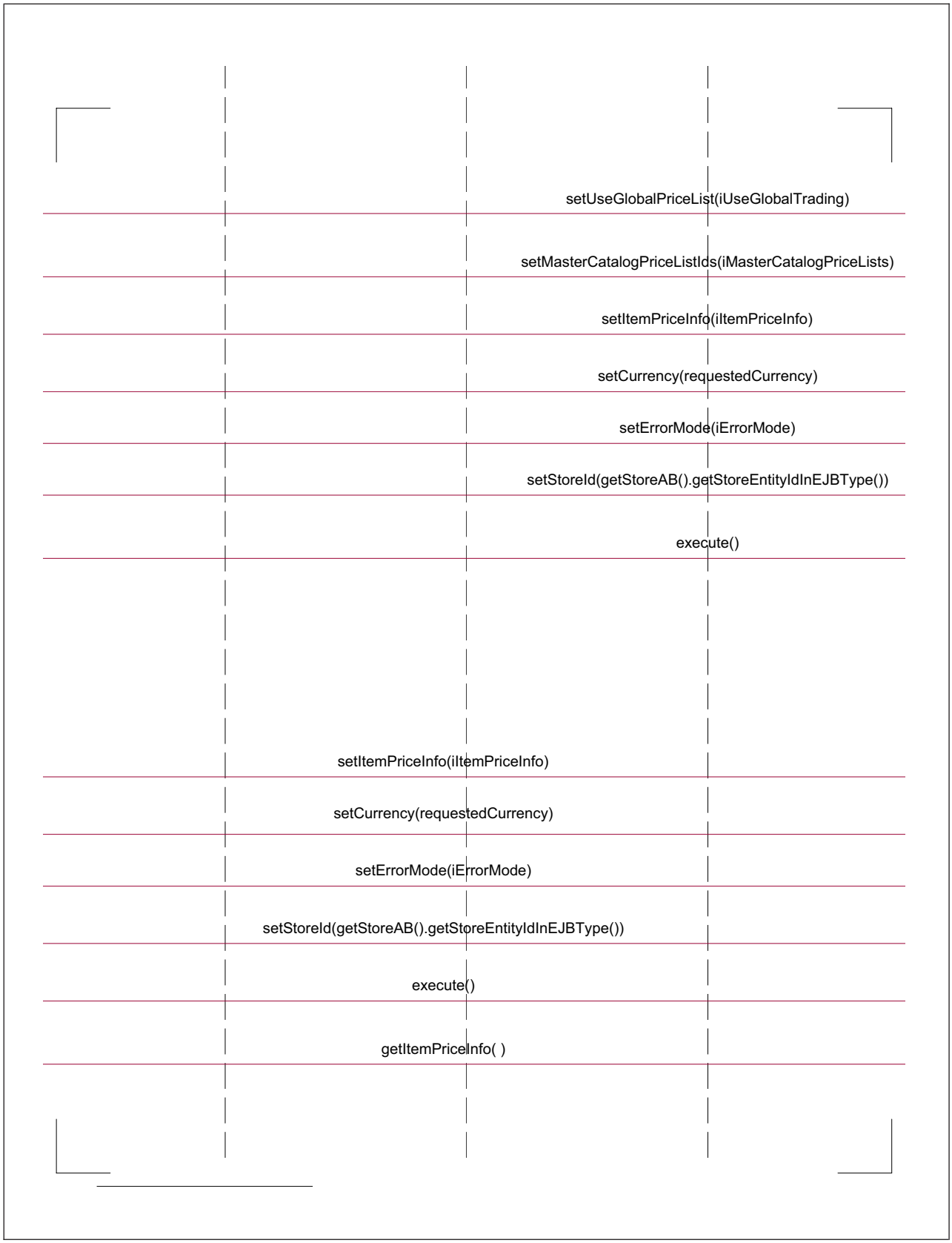

Figure 79. GetContractUnitPrice sequence diagram, 10 of 20 (3,2)

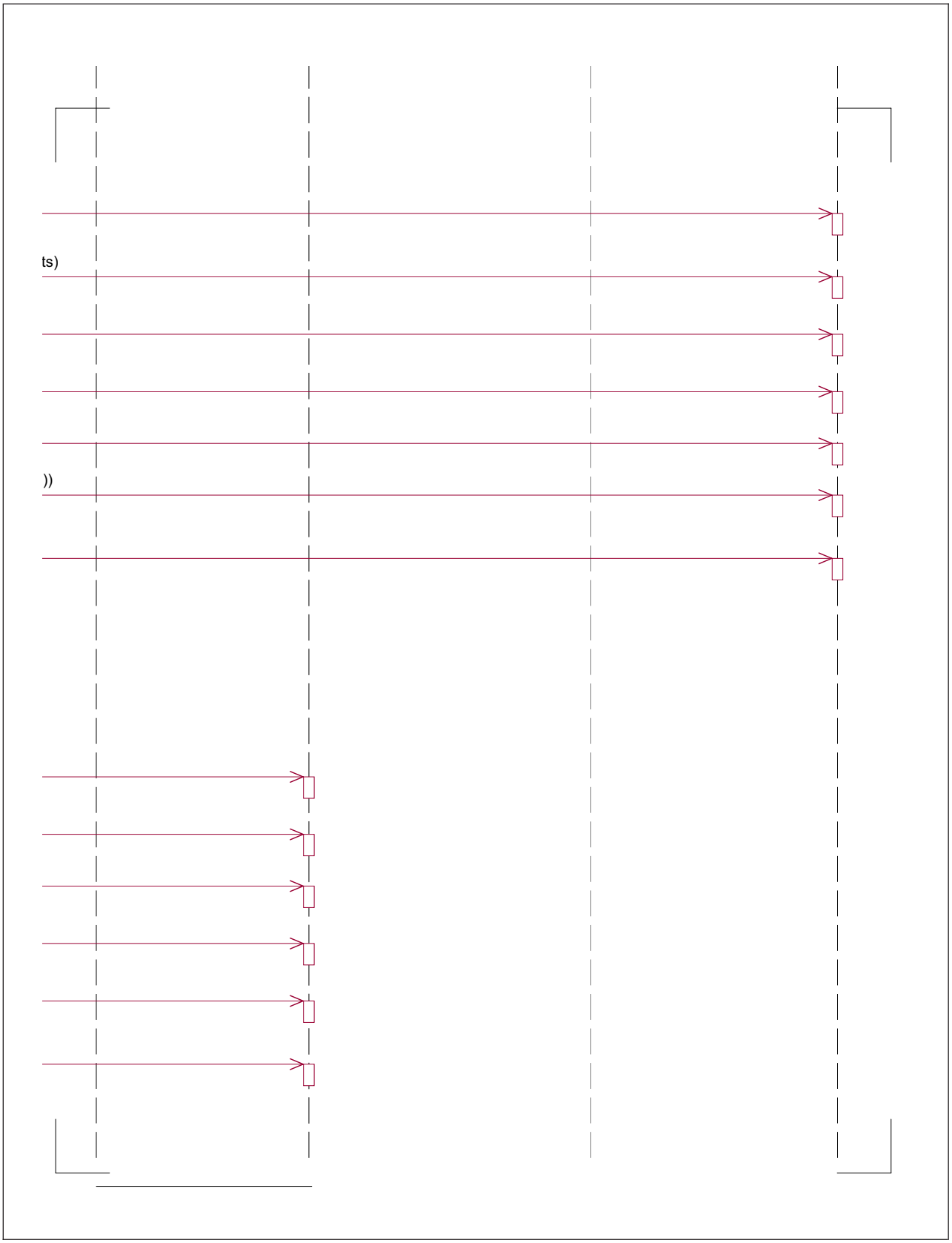

Figure 80. GetContractUnitPrice sequence diagram, 11 of 20 (3,3)

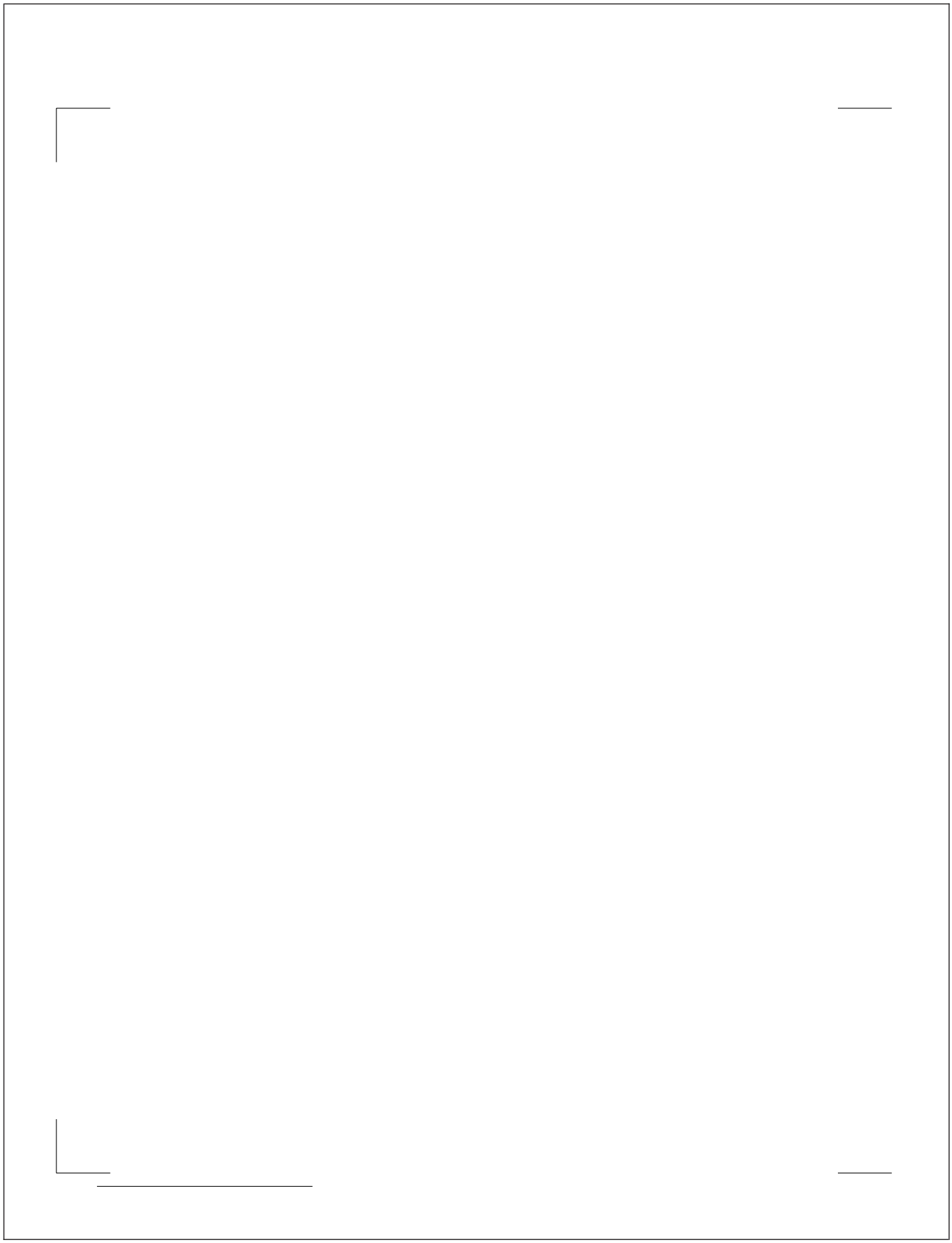

Figure 81. GetContractUnitPrice sequence diagram, 12 of 20 (3,4)

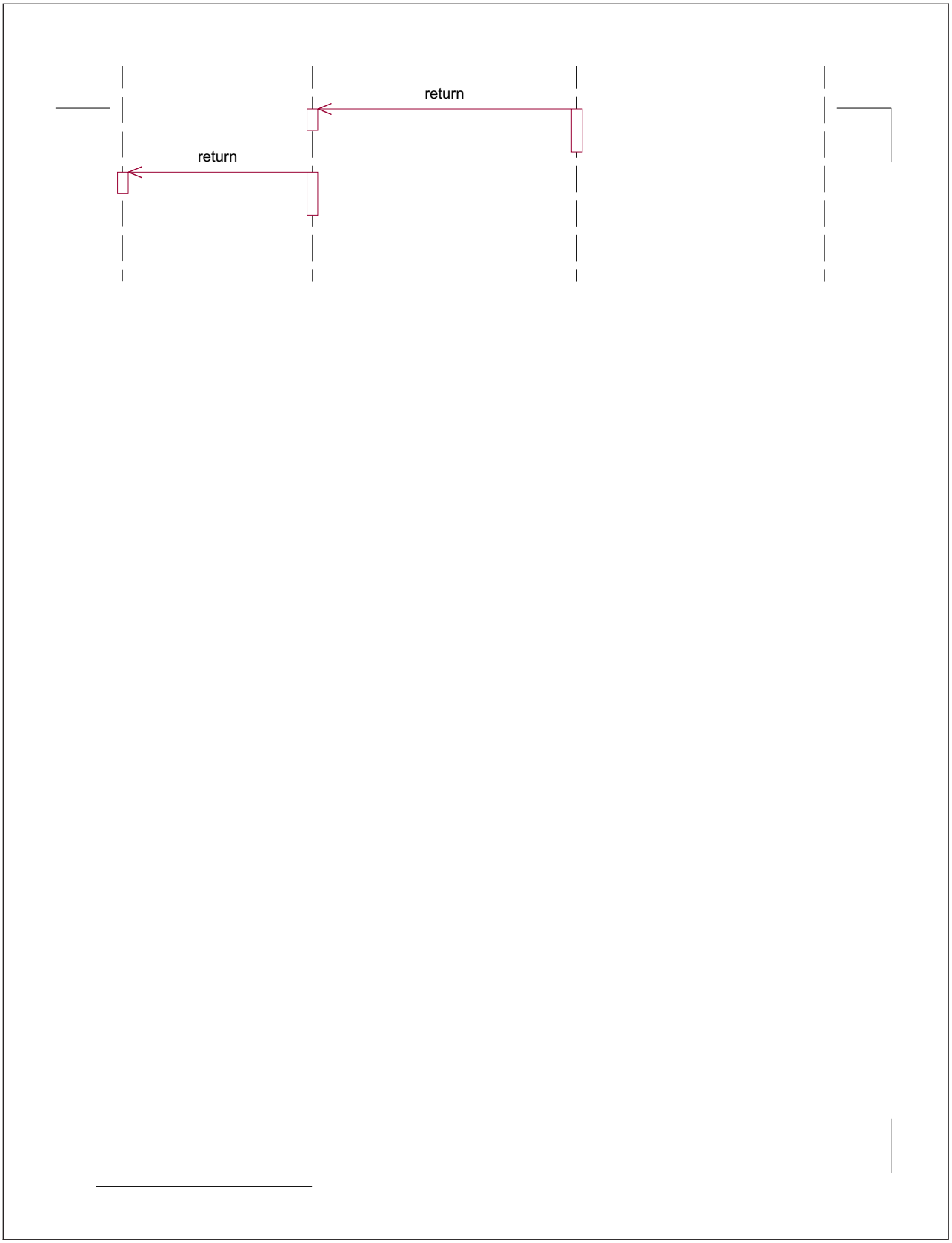

Figure 82. GetContractUnitPrice sequence diagram, 13 of 20 (4,1)

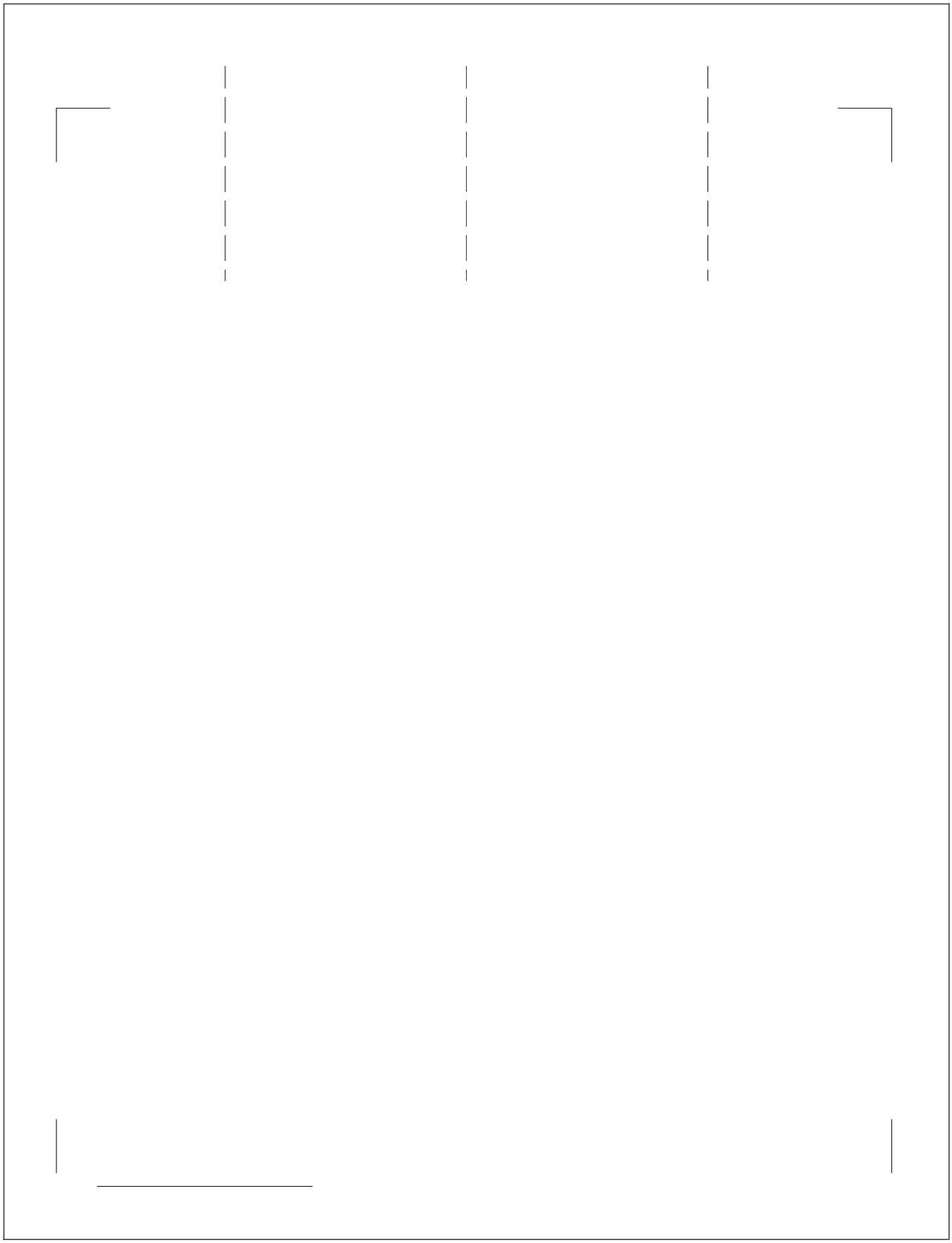

Figure 83. GetContractUnitPrice sequence diagram, 14 of 20 (4,2)

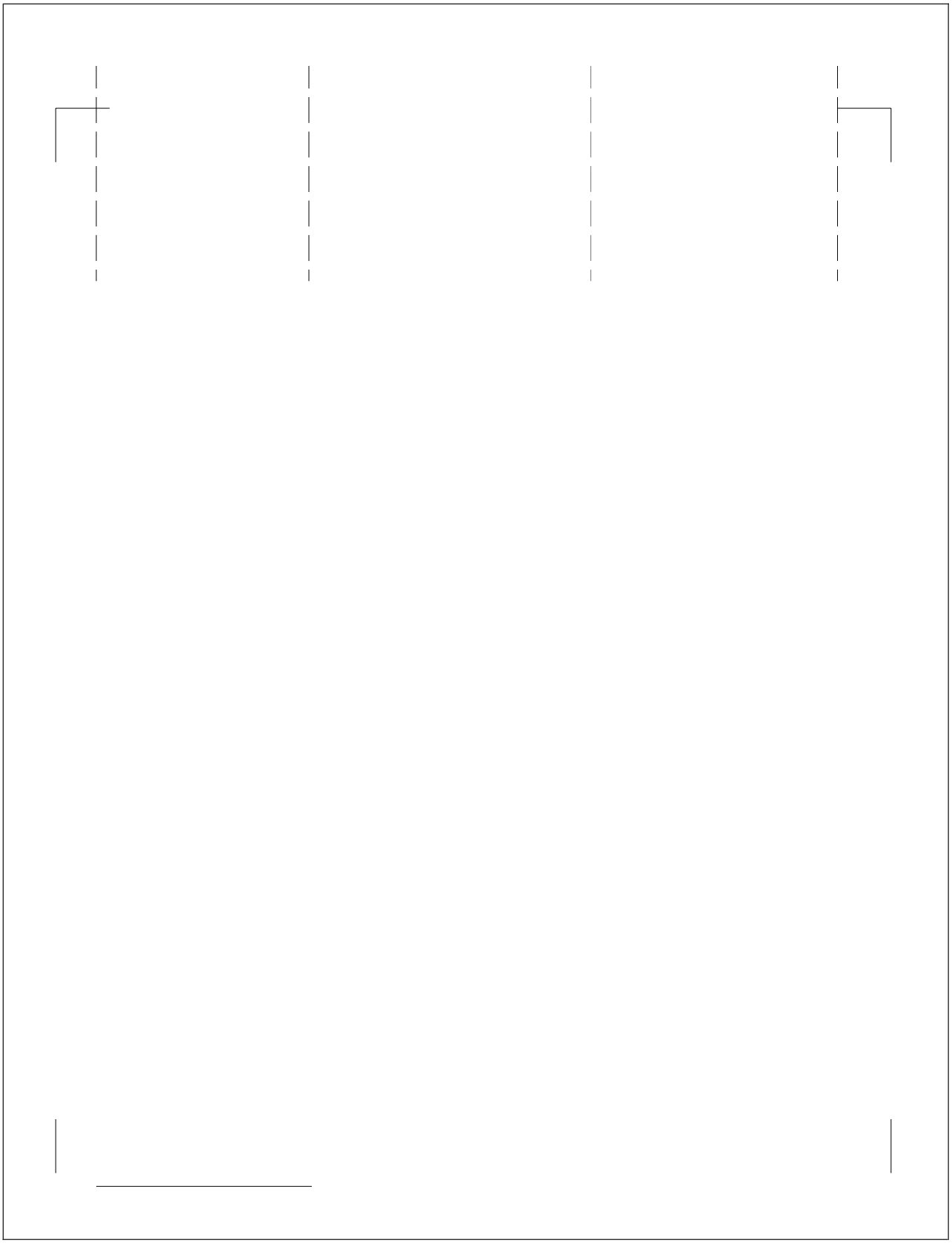

Figure 84. GetContractUnitPrice sequence diagram, 15 of 20 (4,3)

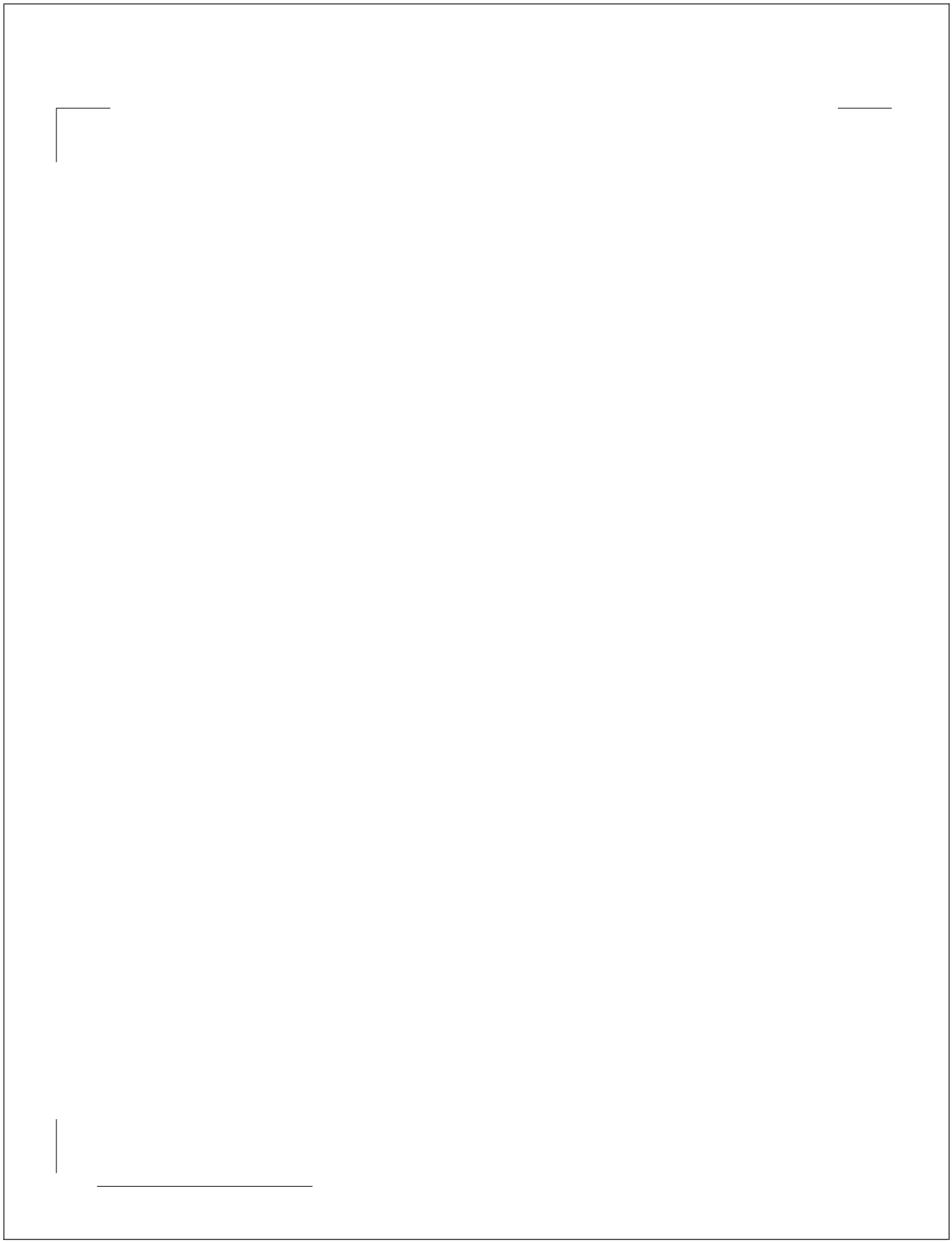

Figure 85. GetContractUnitPrice sequence diagram, 16 of 20 (4,4)

Figure 86. GetContractUnitPrice sequence diagram, 17 of 20 (5,1)

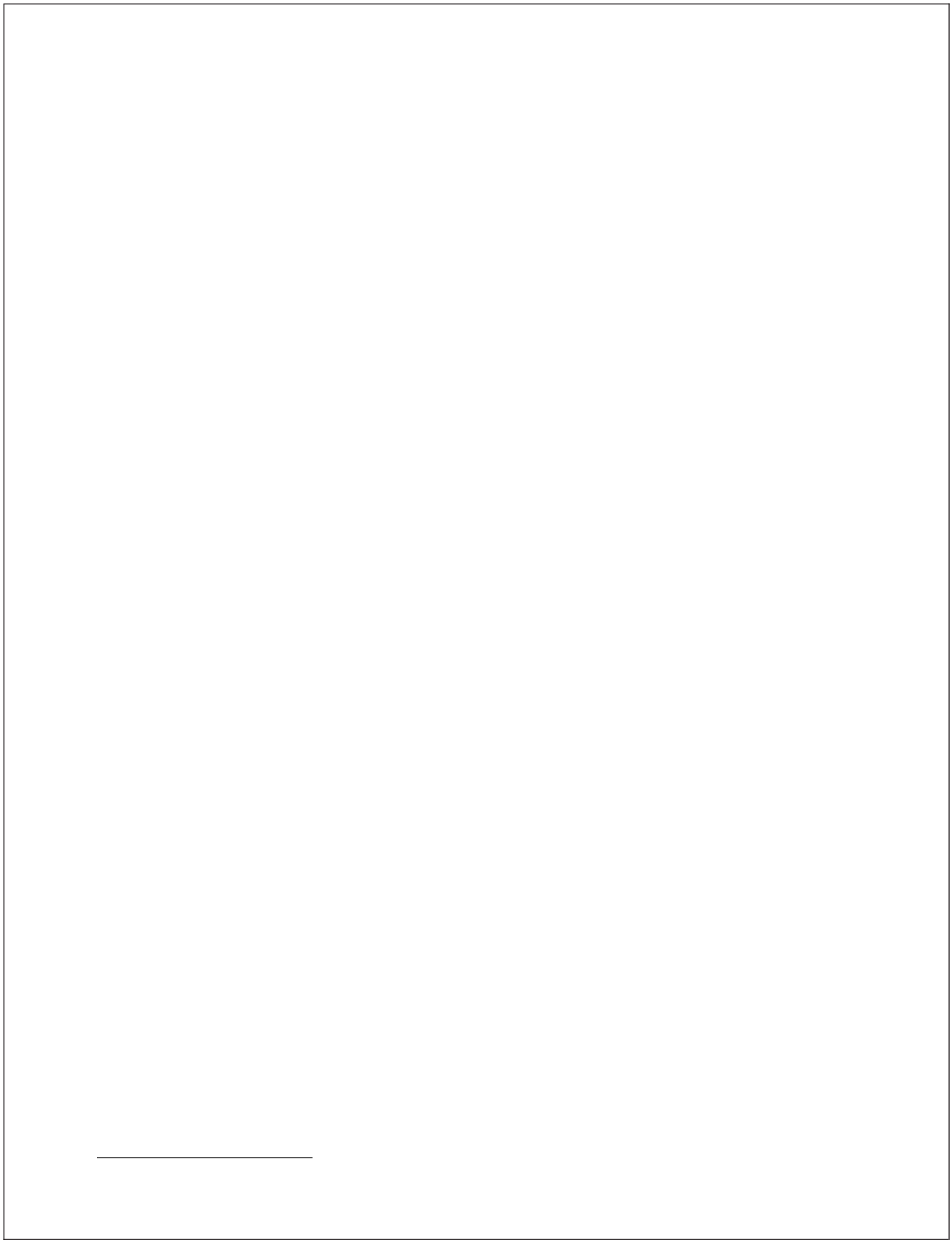

Figure 87. GetContractUnitPrice sequence diagram, 18 of 20 (5,2)

Figure 88. GetContractUnitPrice sequence diagram, 19 of 20 (5,3)

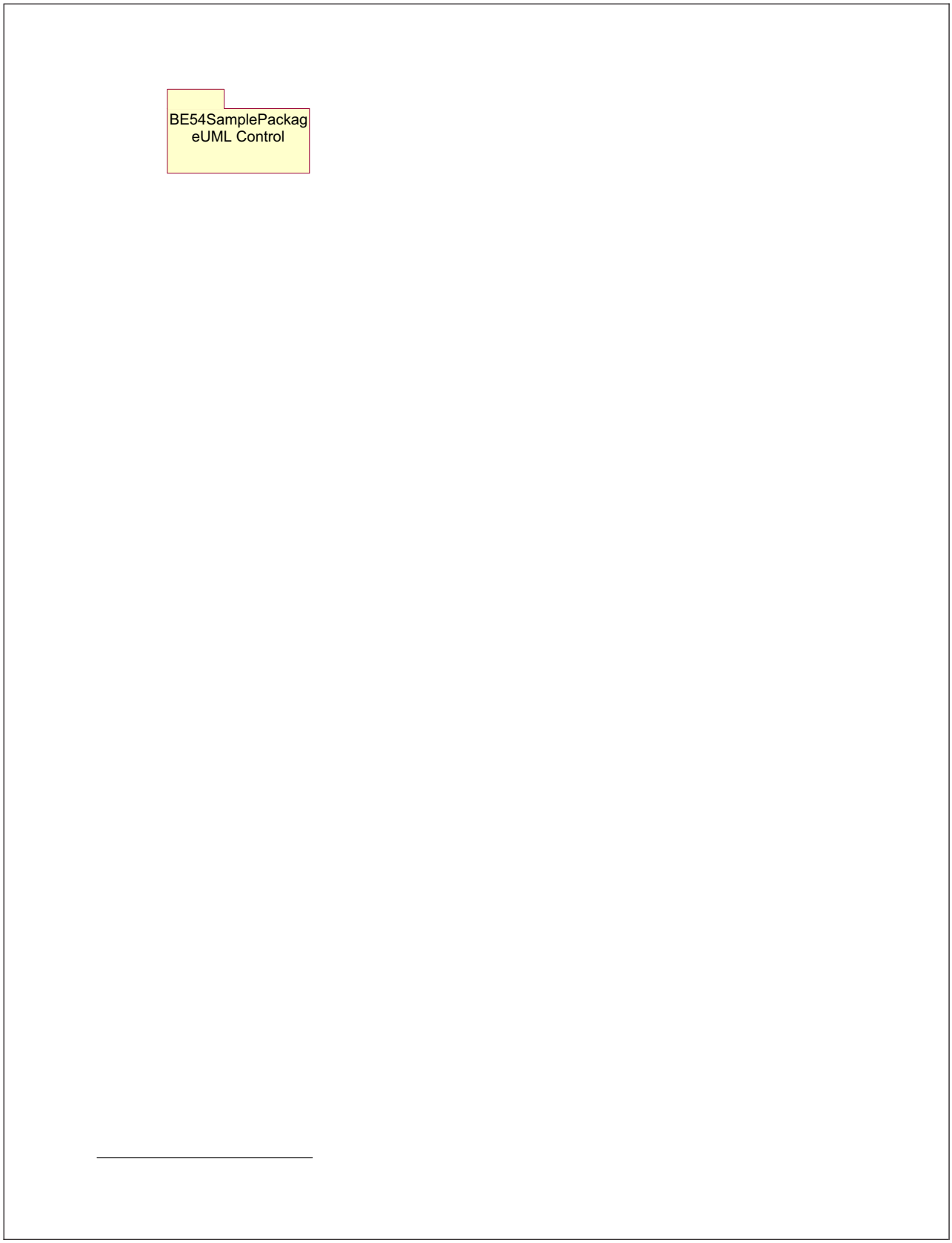

Figure 89. GetContractUnitPrice sequence diagram, 20 of 20 (5,4)

MakeReceiptAvailable sequence diagram

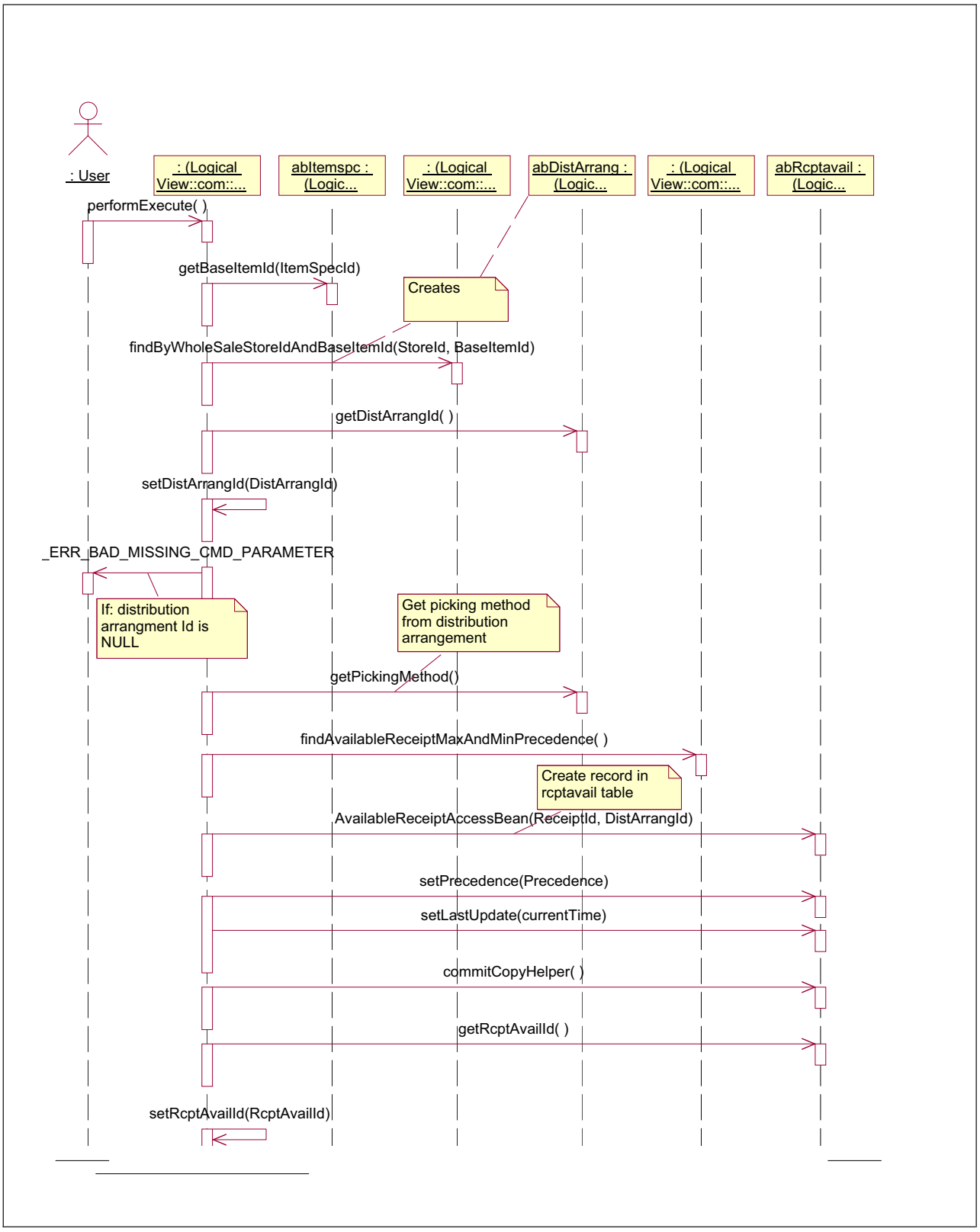

Figure 90. MakeReceiptAvailable sequence diagram, 1 of 2 (1,1)

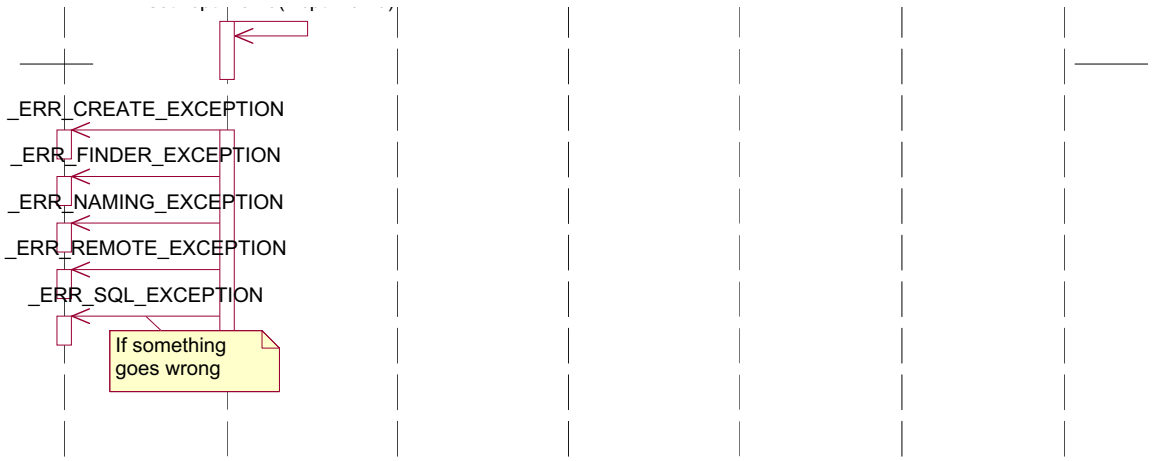

Figure 91. MakeReceiptAvailable sequence diagram, 2 of 2 (1,2)

NotifyCompleteOrder sequence diagram

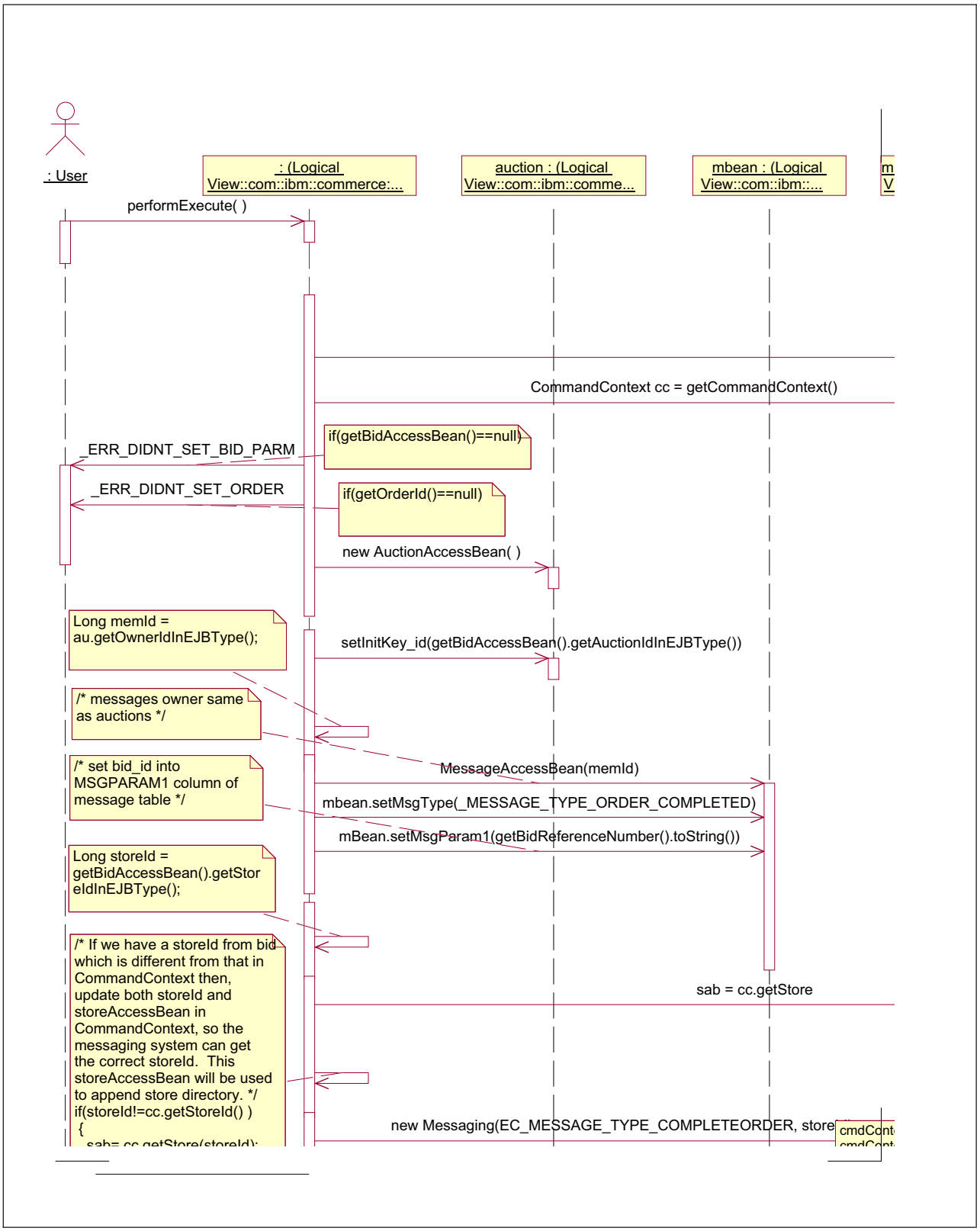

Figure 92. NotifyCompleteOrder sequence diagram, 1 of 4 (1,1)

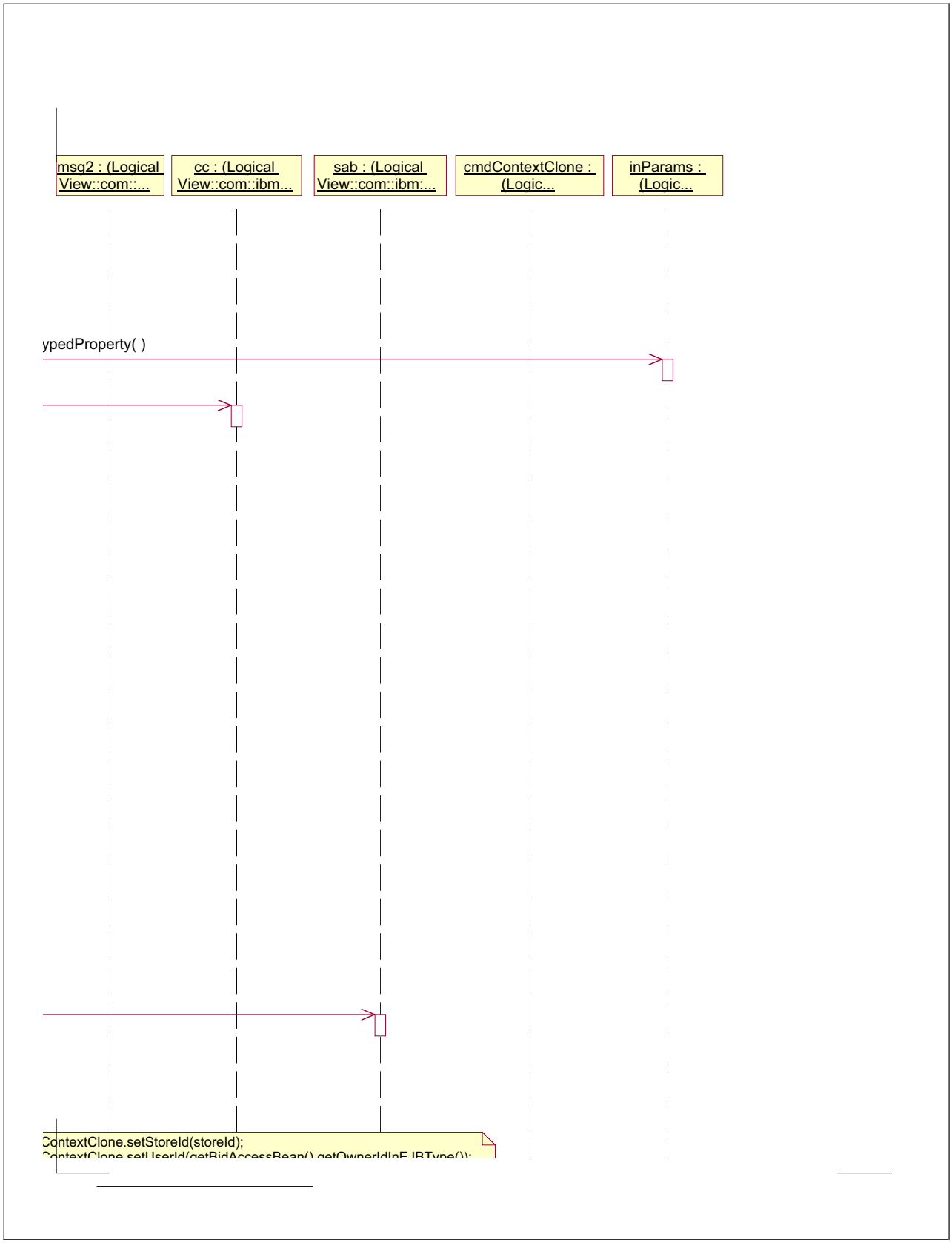

Figure 93. NotifyCompleteOrder sequence diagram, 2 of 4 (1,2)

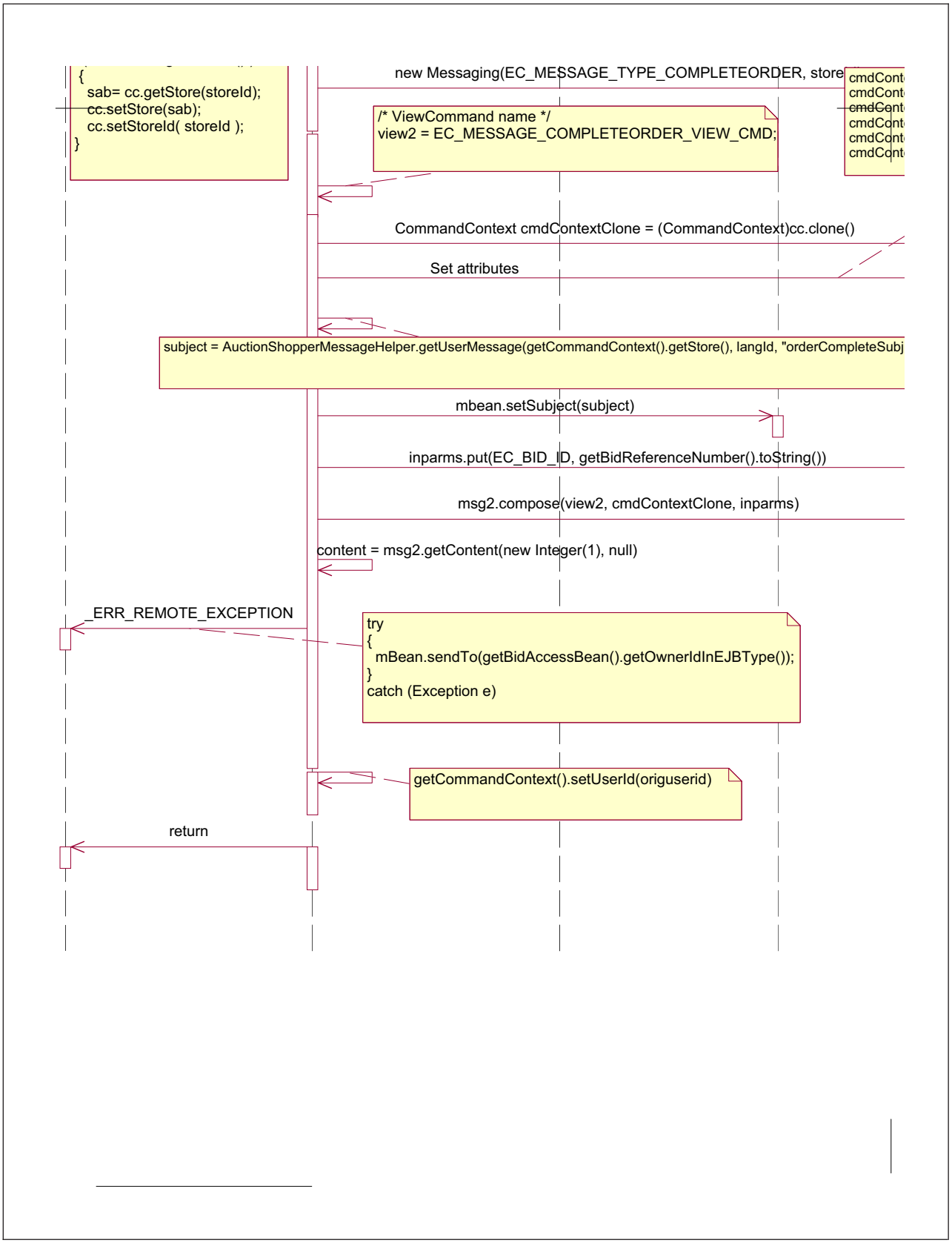

Figure 94. NotifyCompleteOrder sequence diagram, 3 of 4 (2,1)

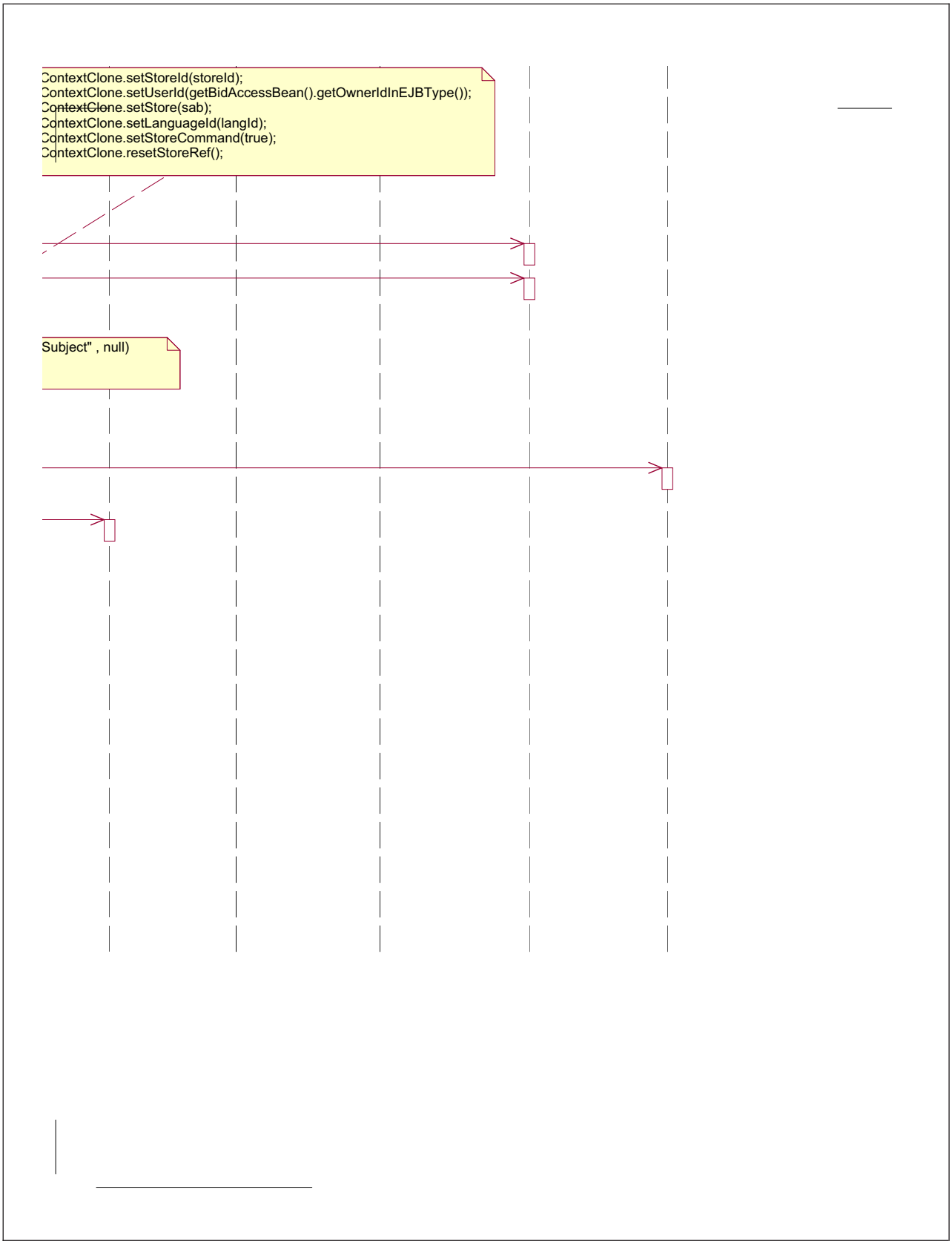

Figure 95. NotifyCompleteOrder sequence diagram, 4 of 4 (2,2)

OrderProcessCheckApproval sequence diagram (Business Edition only)

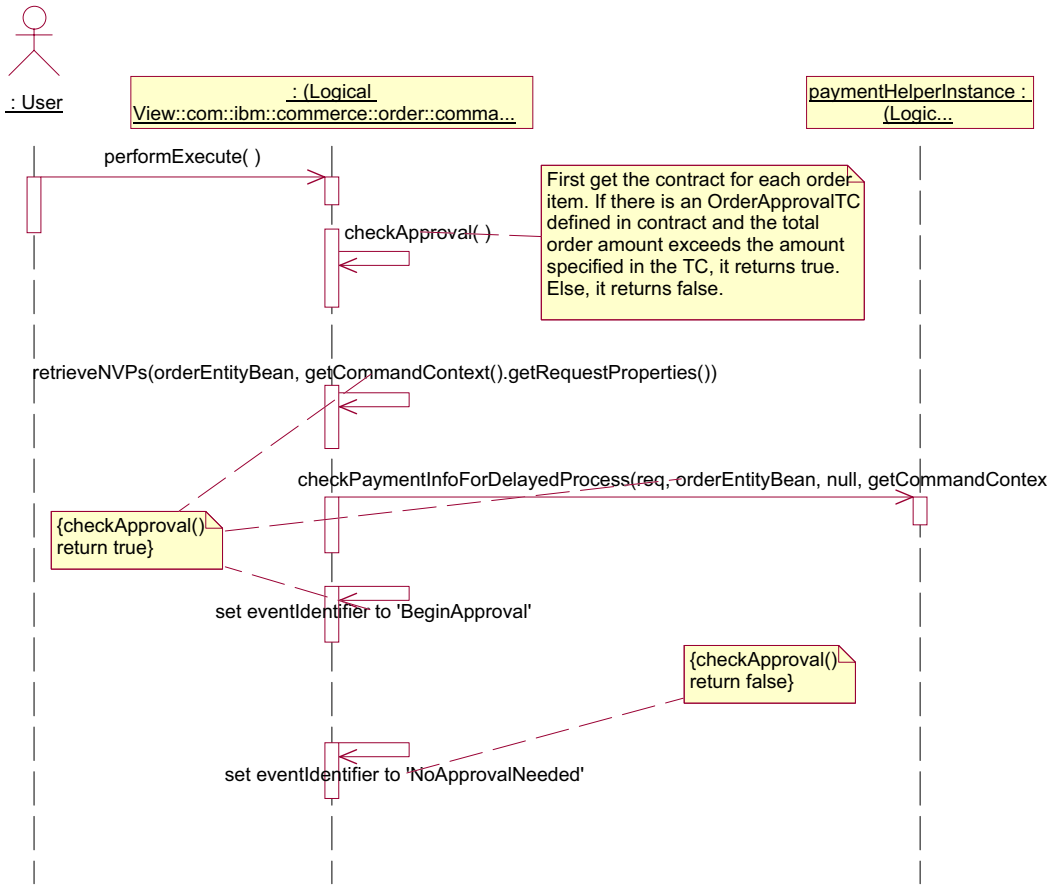

Figure 96. OrderProcessCheckApproval sequence diagram, 1 of 2 (1,1)

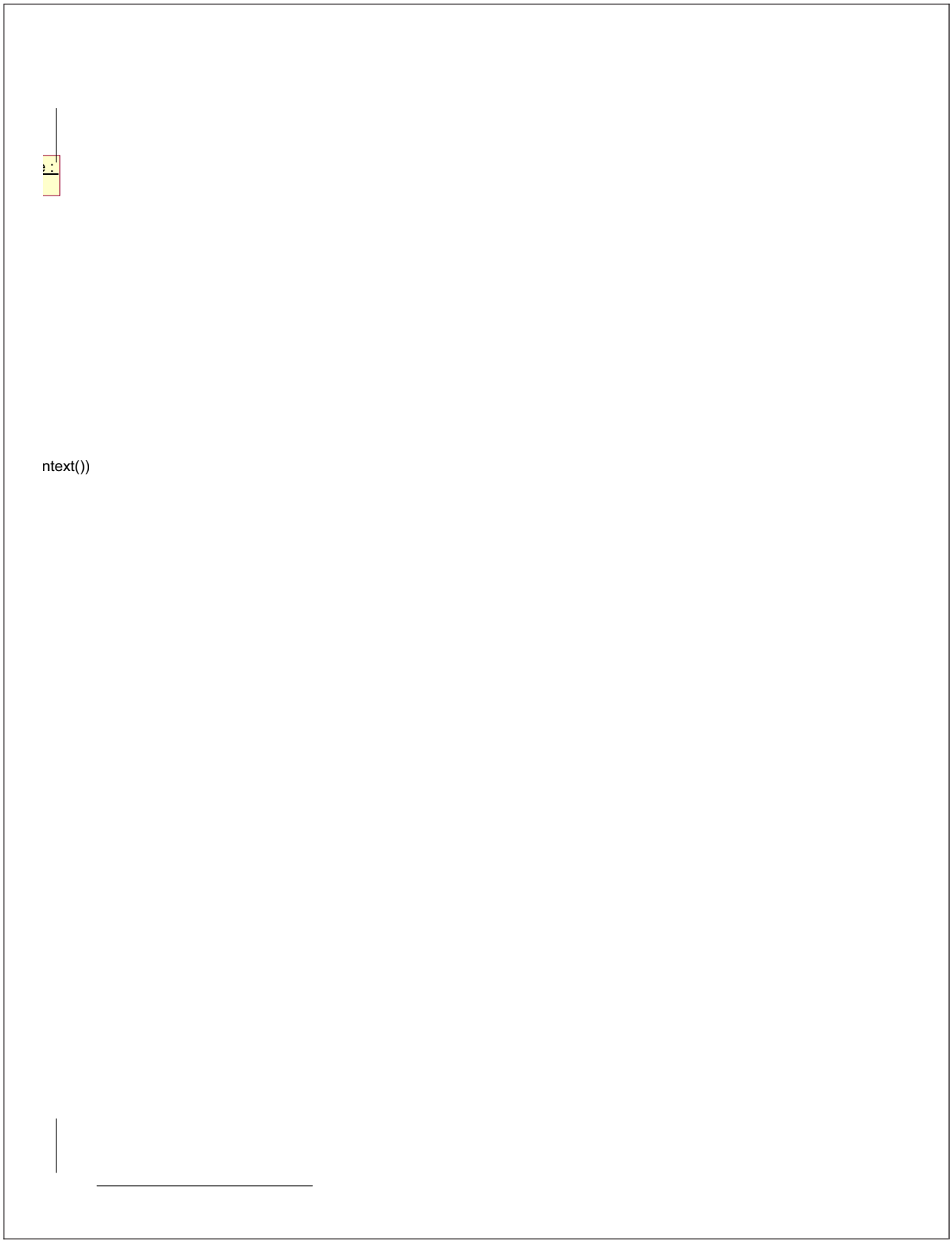

Figure 97. OrderProcessCheckApproval sequence diagram, 2 of 2 (1,2)

OrderStatus sequence diagram

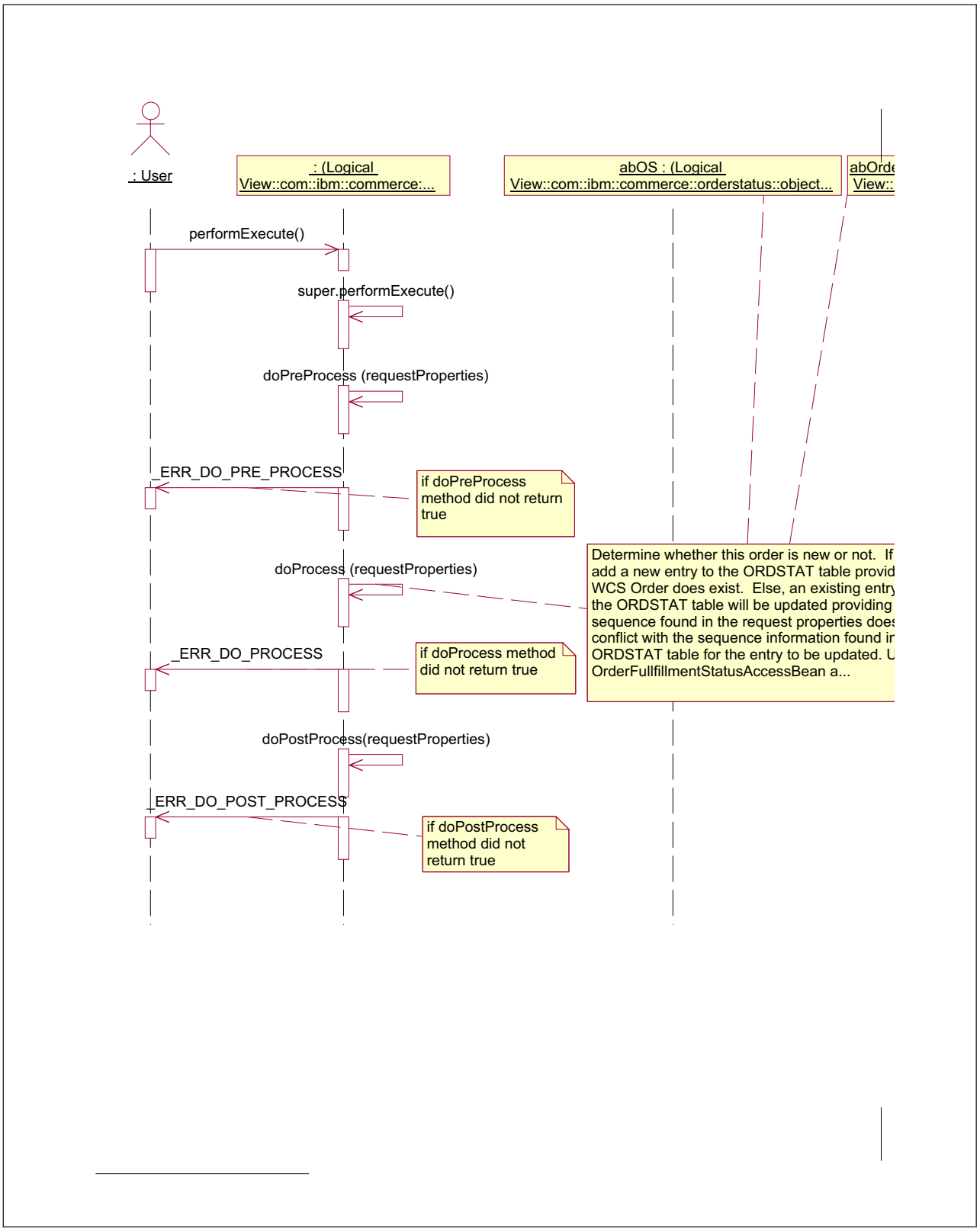

Figure 98. OrderStatus sequence diagram, 1 of 2 (1,1)

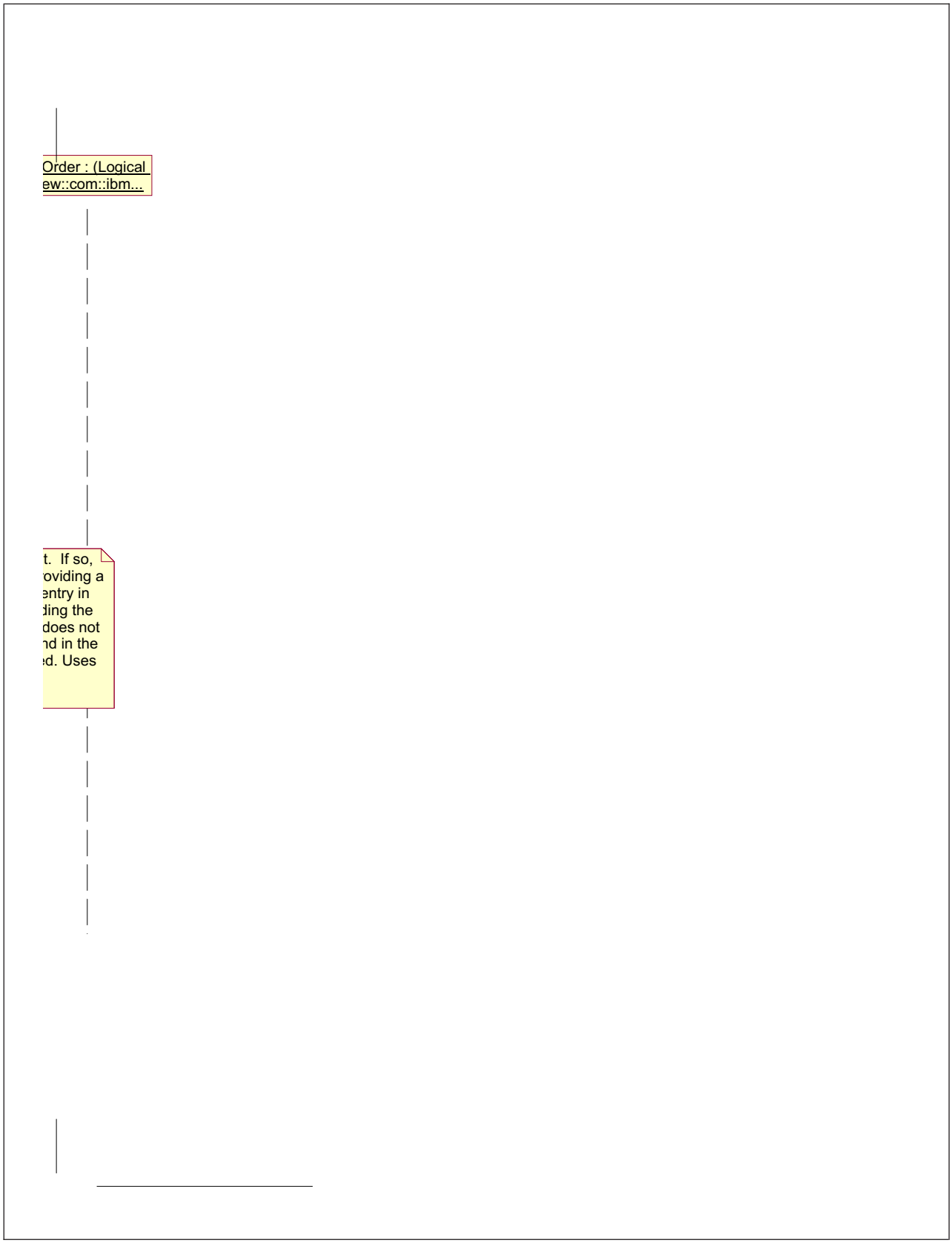

Figure 99. OrderStatus sequence diagram, 2 of 2 (1,2)

PackageResolveSKU sequence diagram

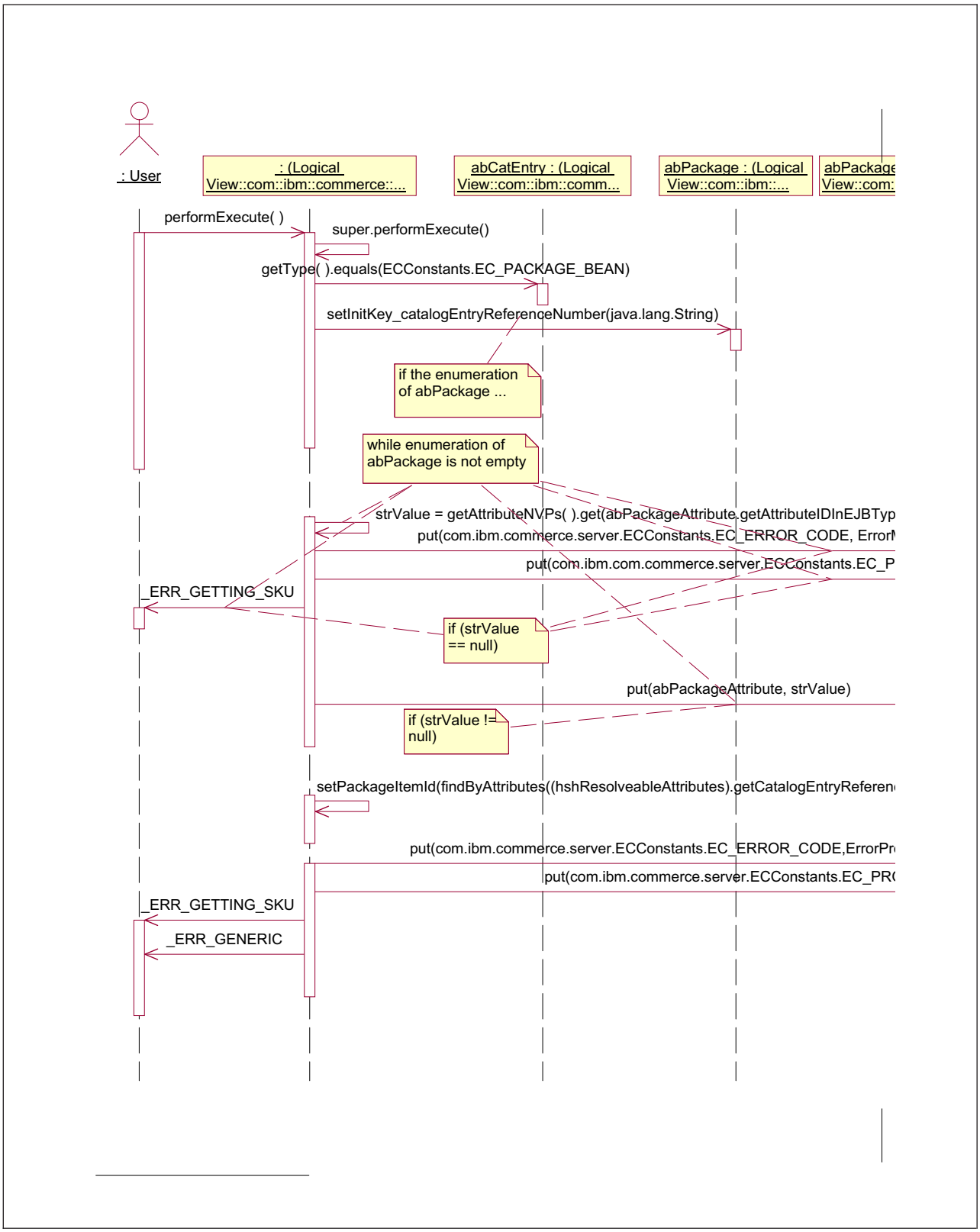

Figure 100. PackageResolveSKU sequence diagram, 1 of 2 (1,1)

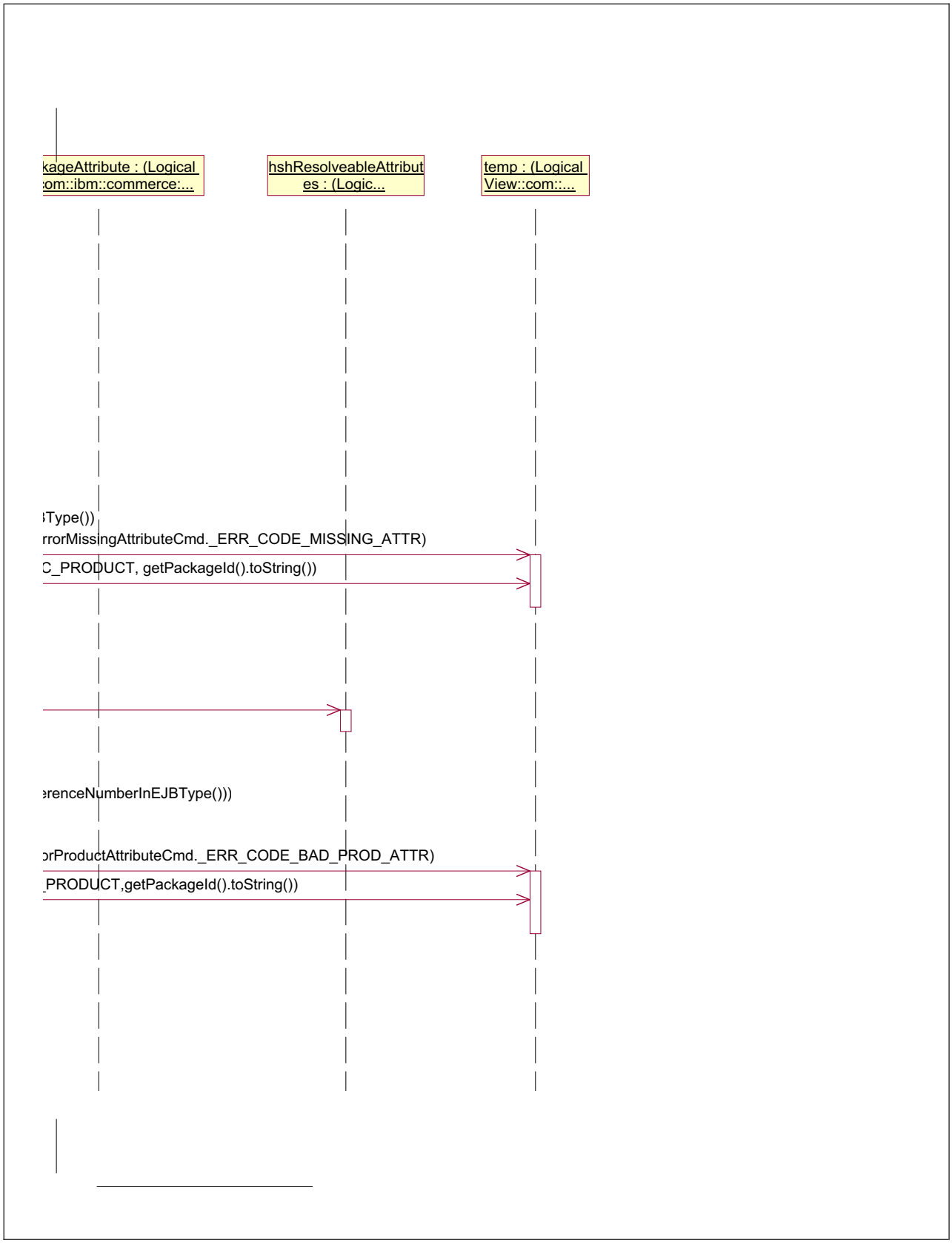

Figure 101. PackageResolveSKU sequence diagram, 2 of 2 (1,2)

ProcessProfileType sequence diagram

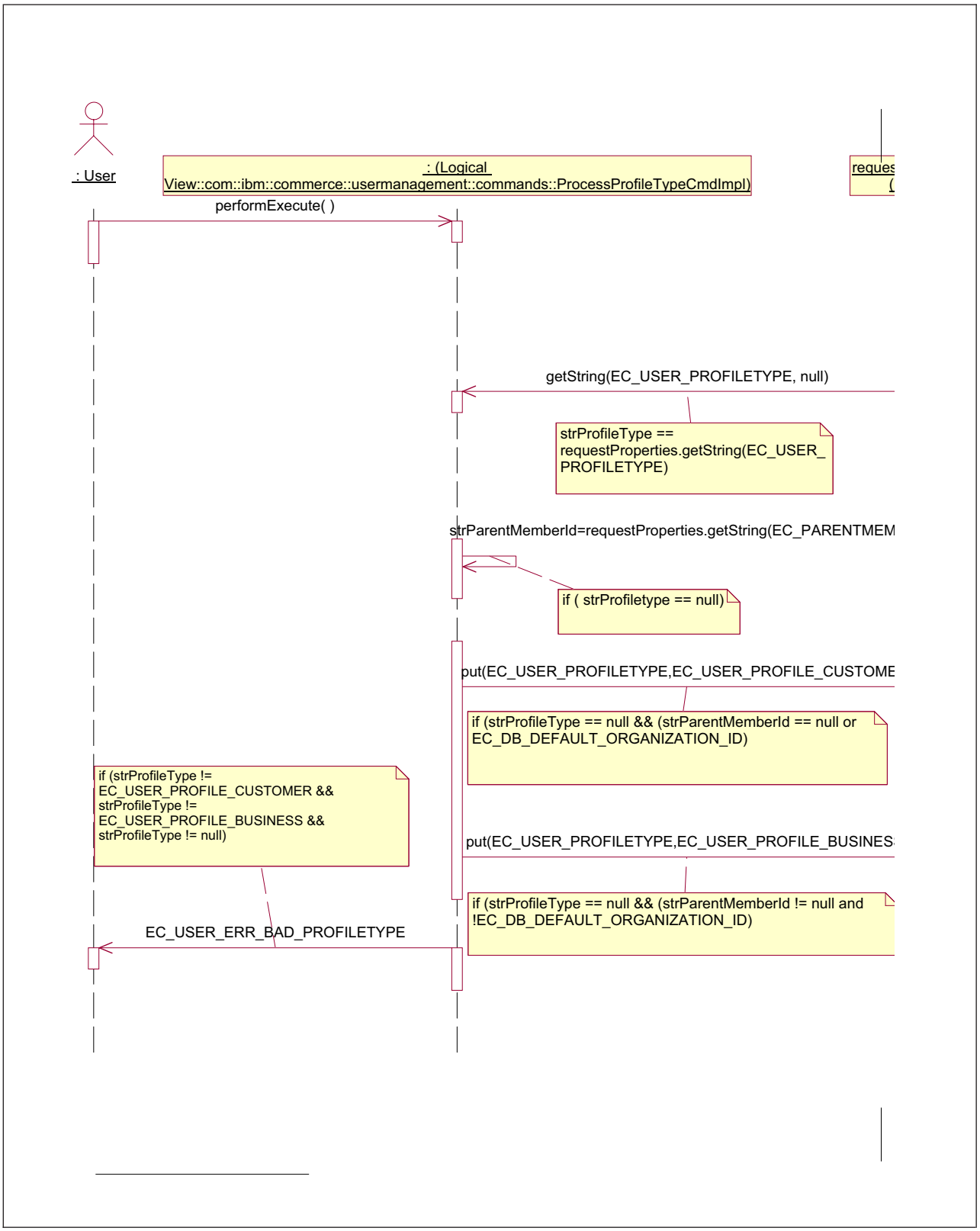

Figure 102. ProcessProfileType sequence diagram, 1 of 2 (1,1)

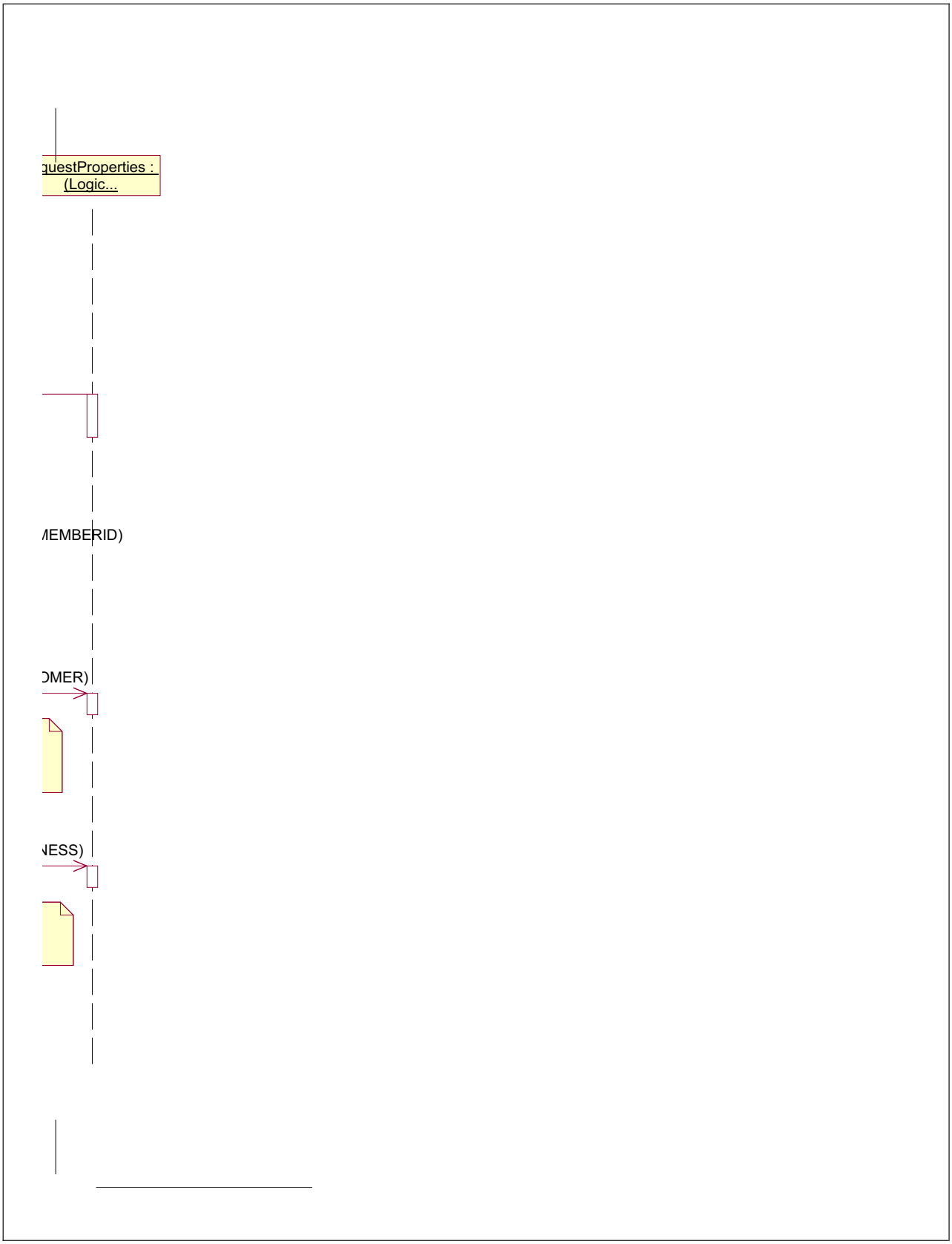

Figure 103. ProcessProfileType sequence diagram, 2 of 2 (1,2)

ProductListPriceUpdate sequence diagram

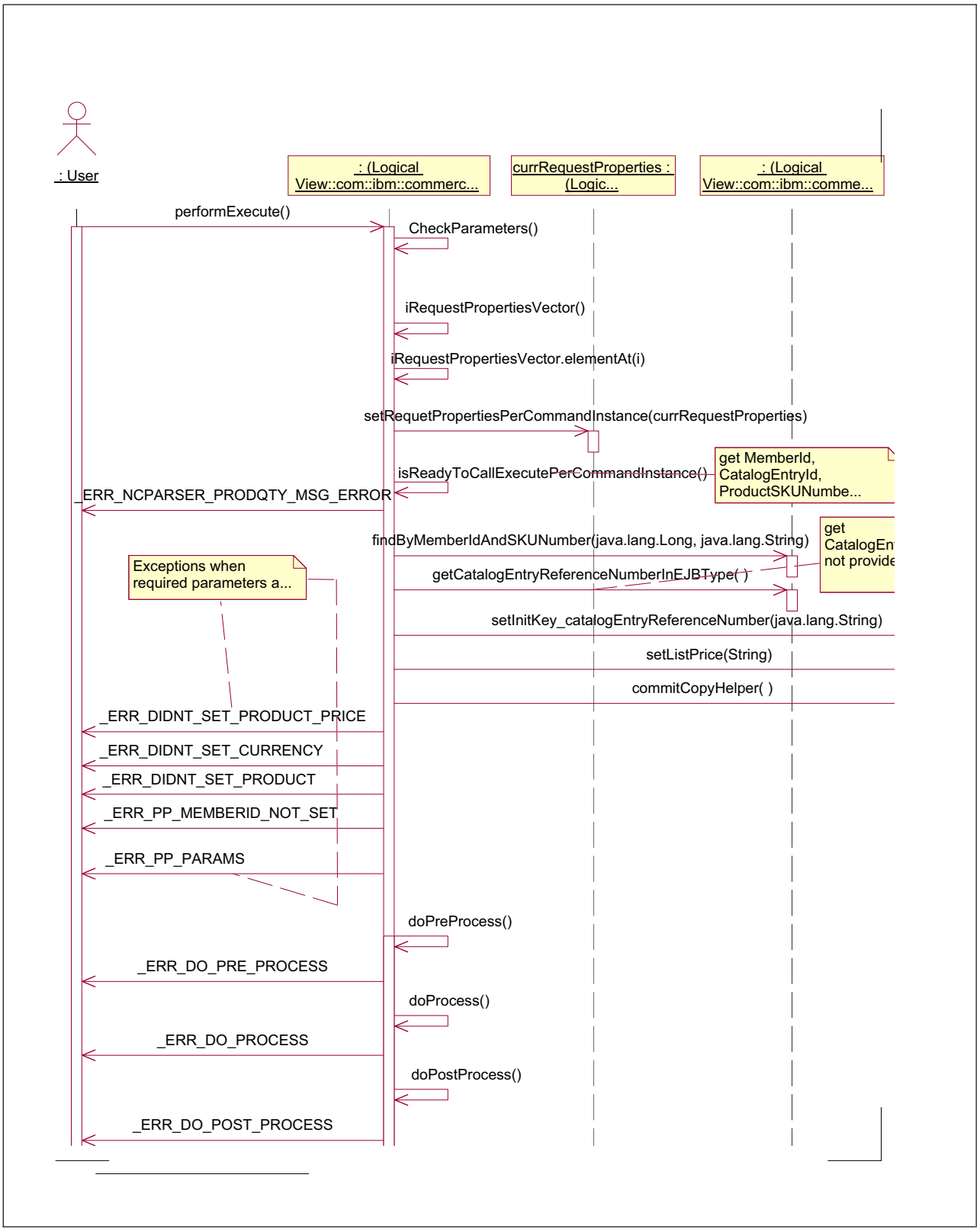

Figure 104. ProductListPriceUpdate sequence diagram, 1 of 26 (1,1)

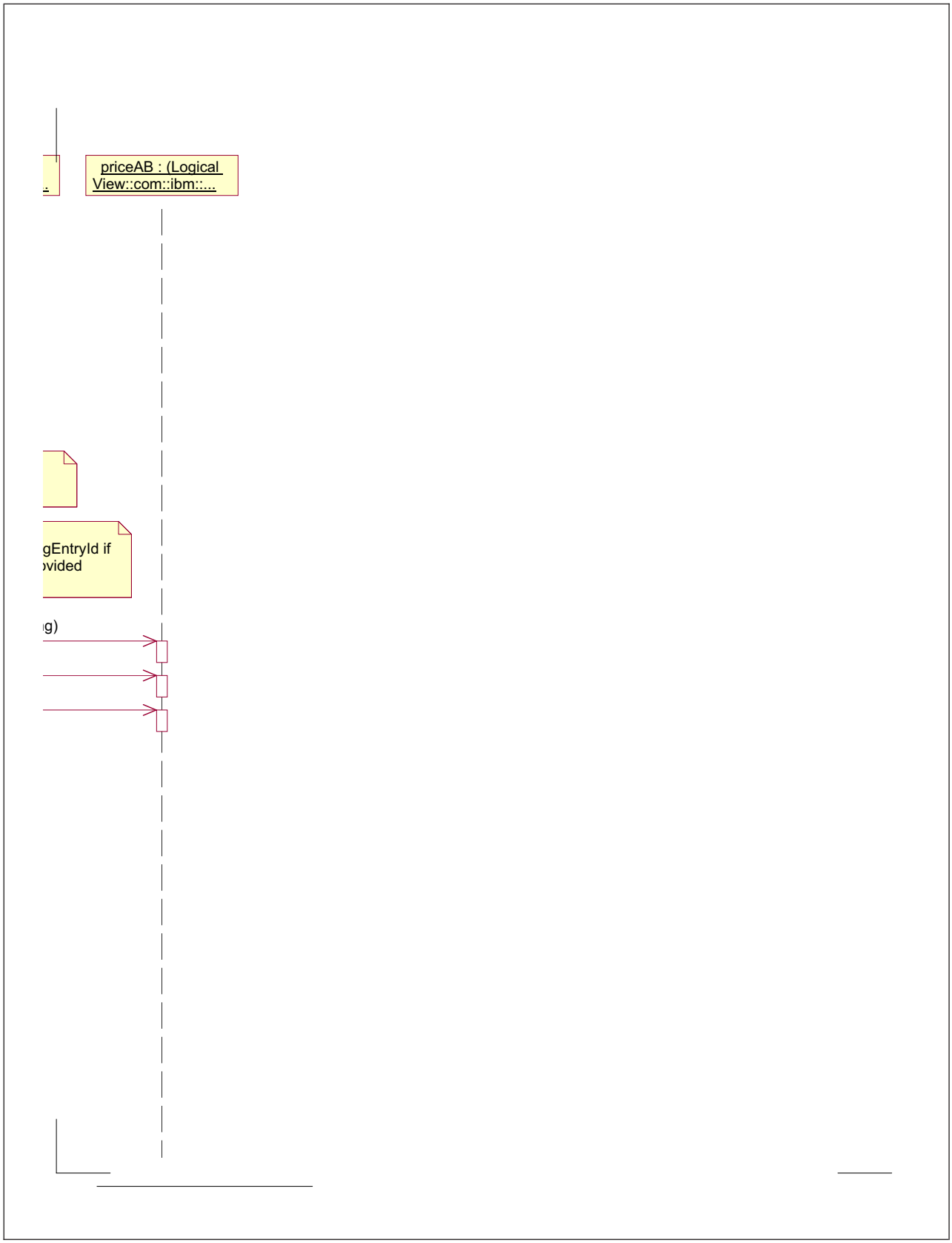

Figure 105. ProductListPriceUpdate sequence diagram, 2 of 26 (1,2)

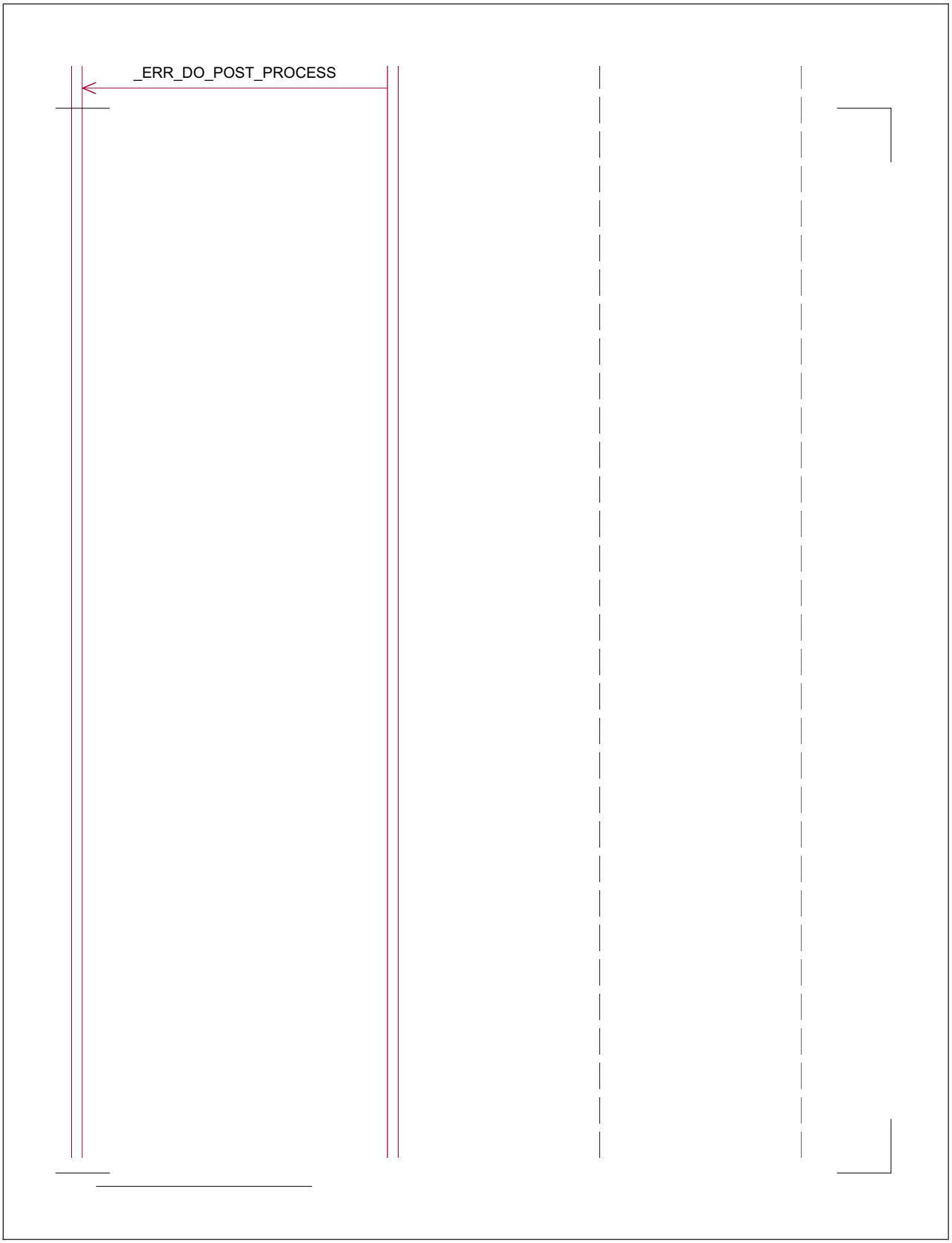

Figure 106. ProductListPriceUpdate sequence diagram, 3 of 26 (2,1)

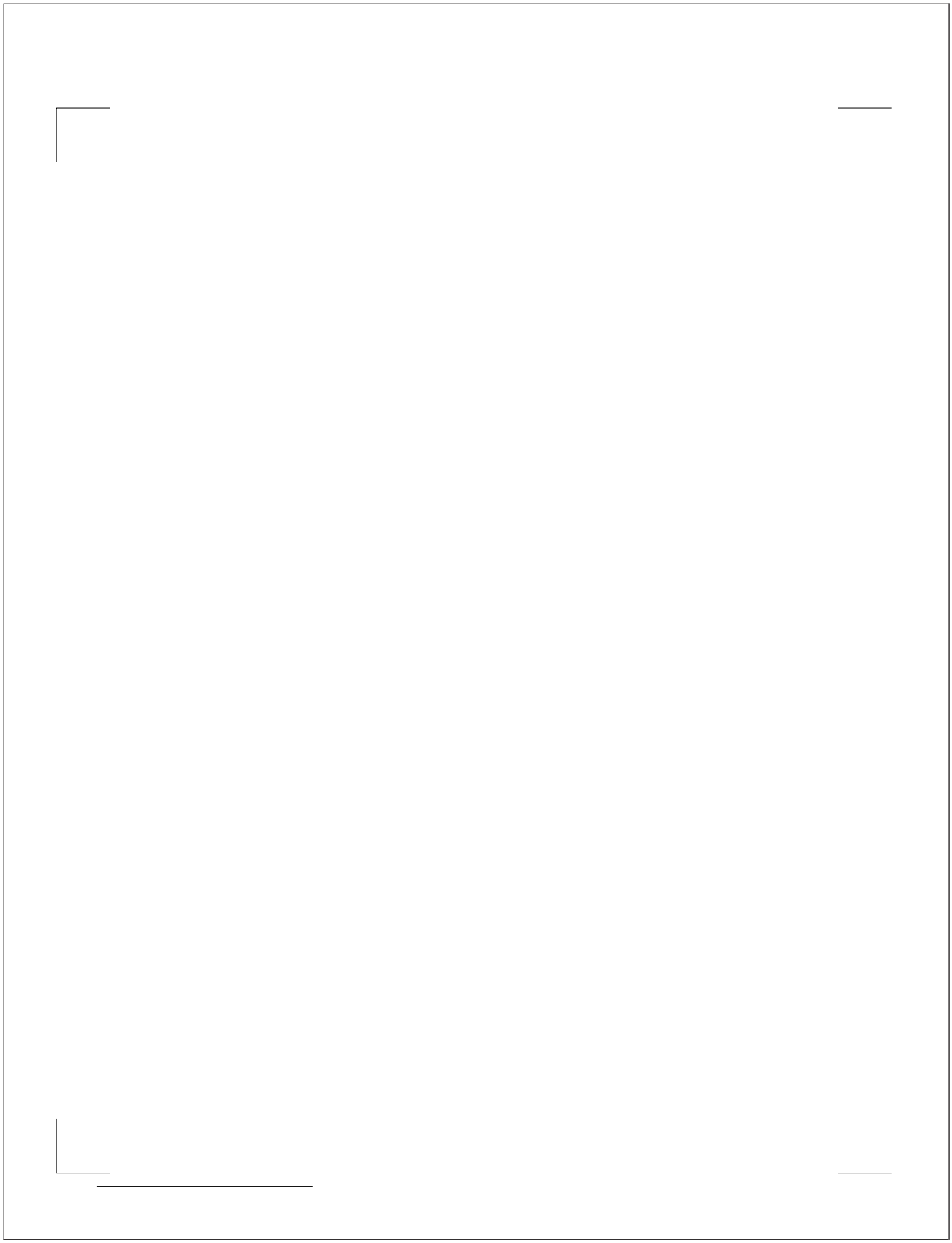

Figure 107. ProductListPriceUpdate sequence diagram, 4 of 26 (2,2)

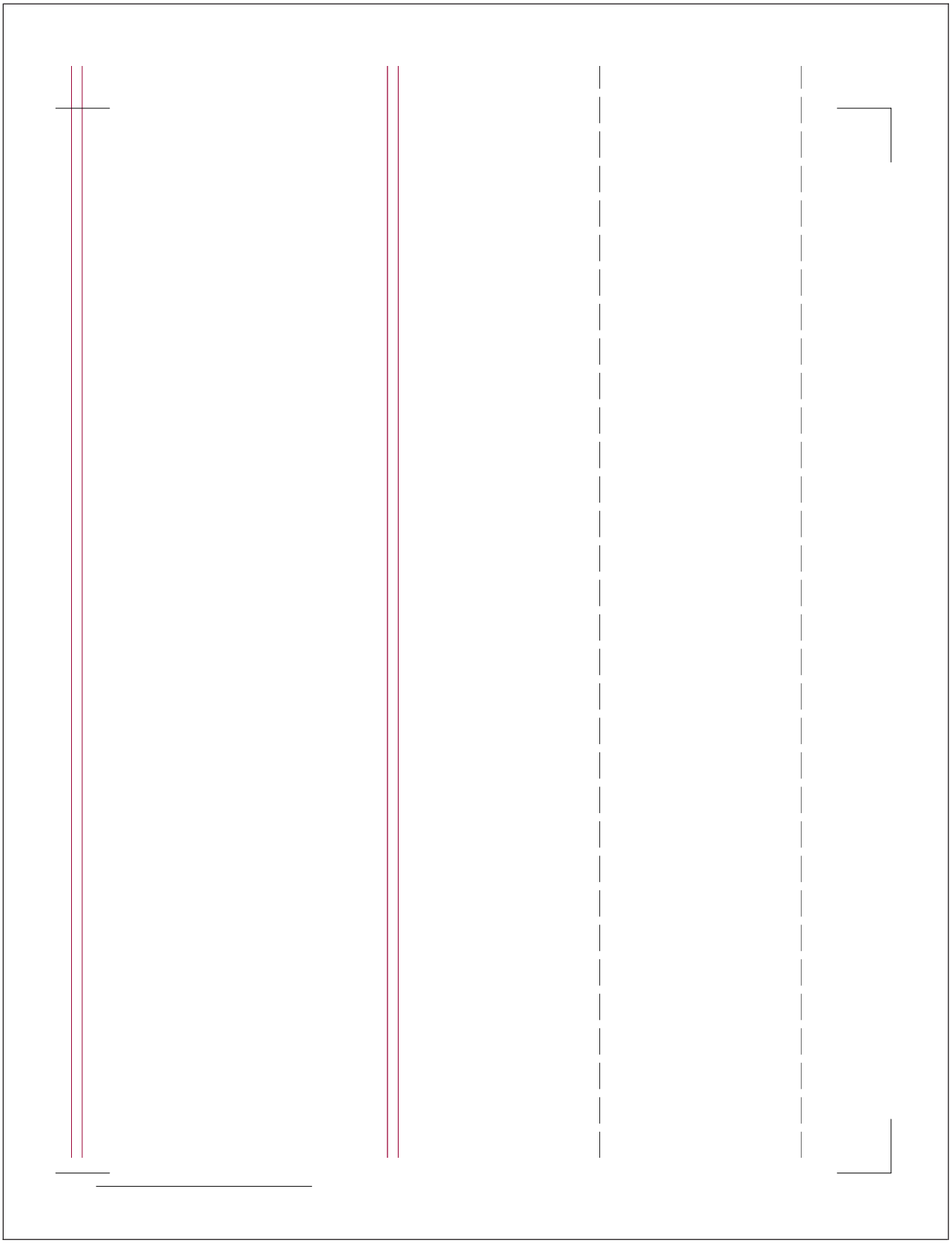

Figure 108. ProductListPriceUpdate sequence diagram, 5 of 26 (3,1)

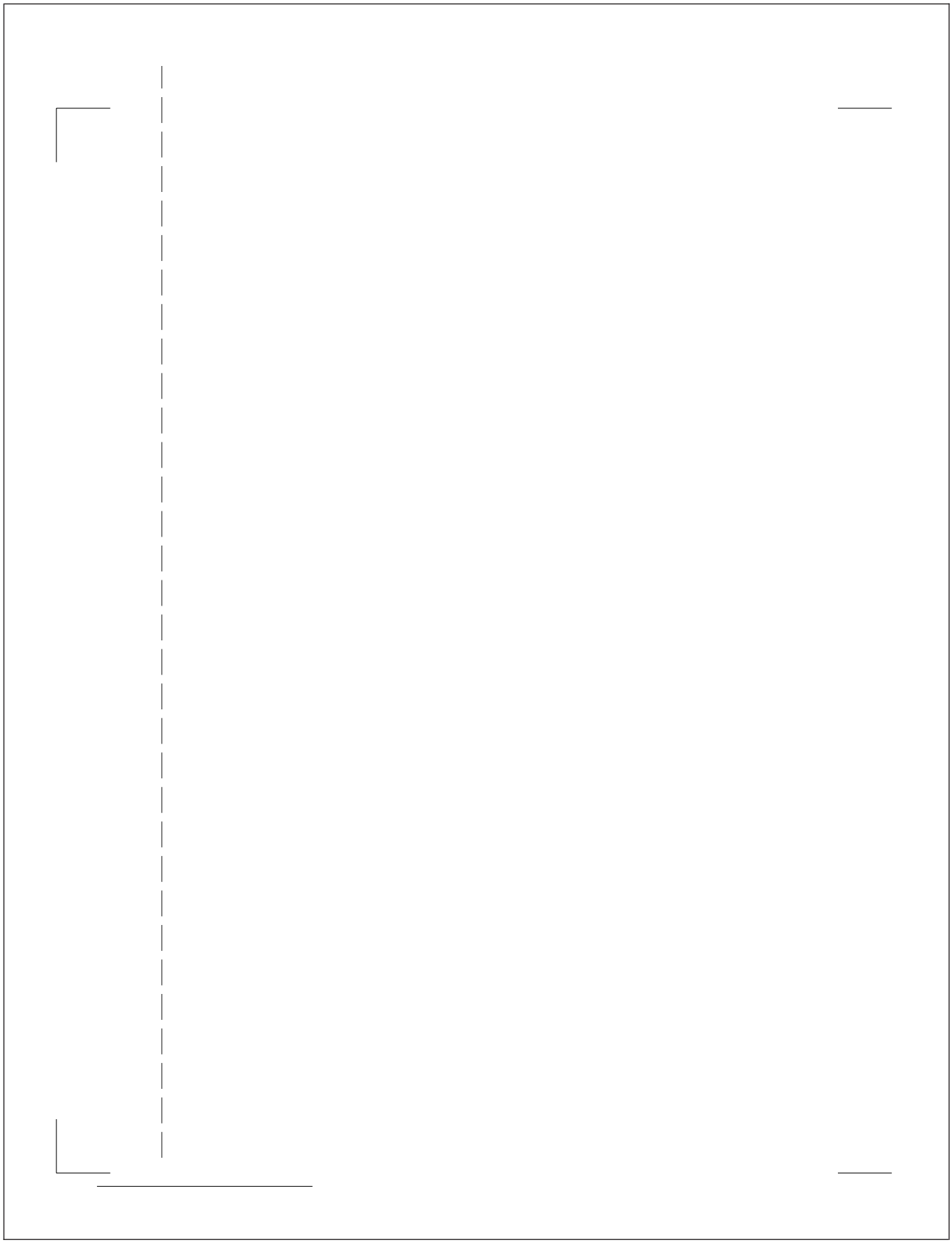

Figure 109. ProductListPriceUpdate sequence diagram, 6 of 26 (3,2)

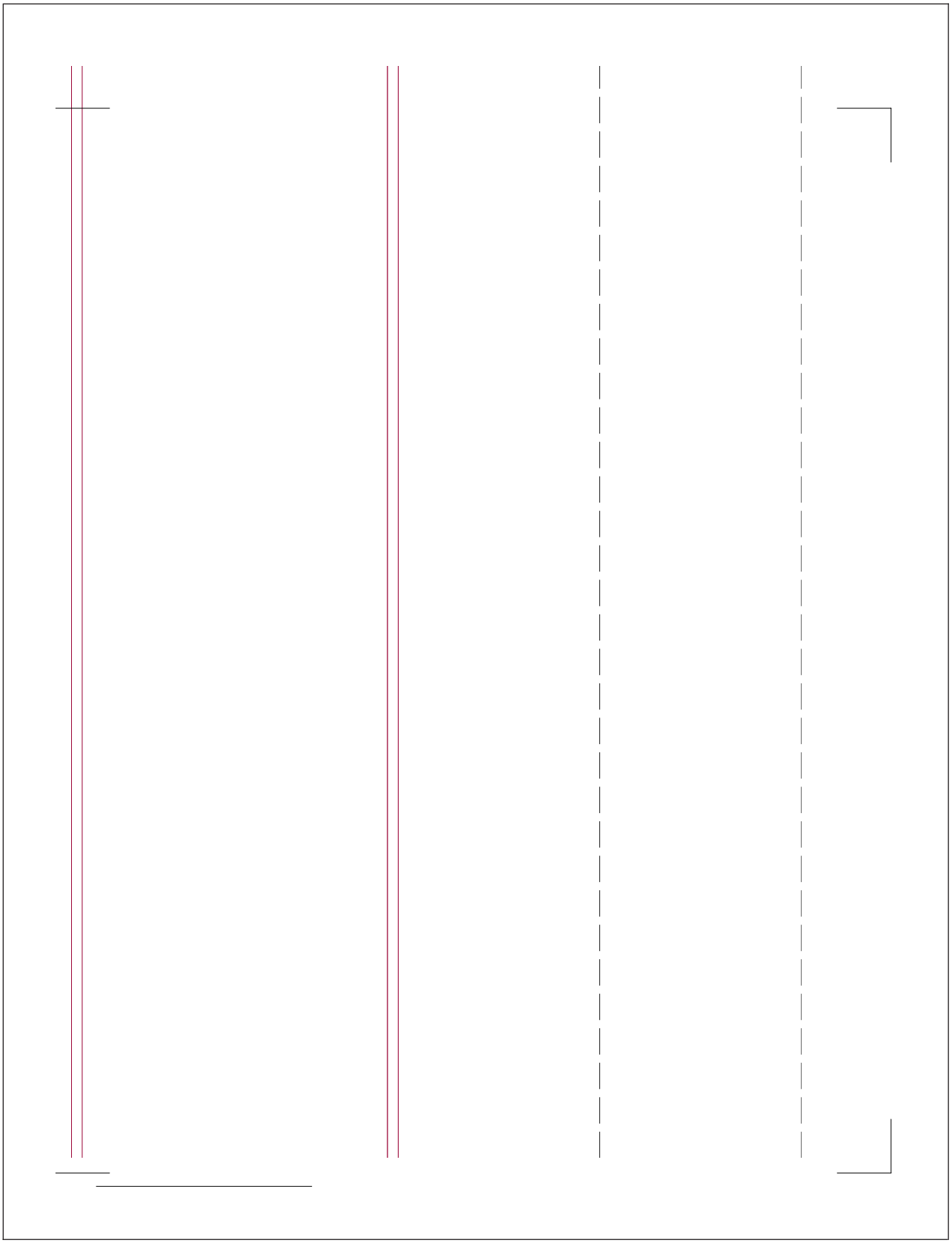

Figure 110. ProductListPriceUpdate sequence diagram, 7 of 26 (4,1)

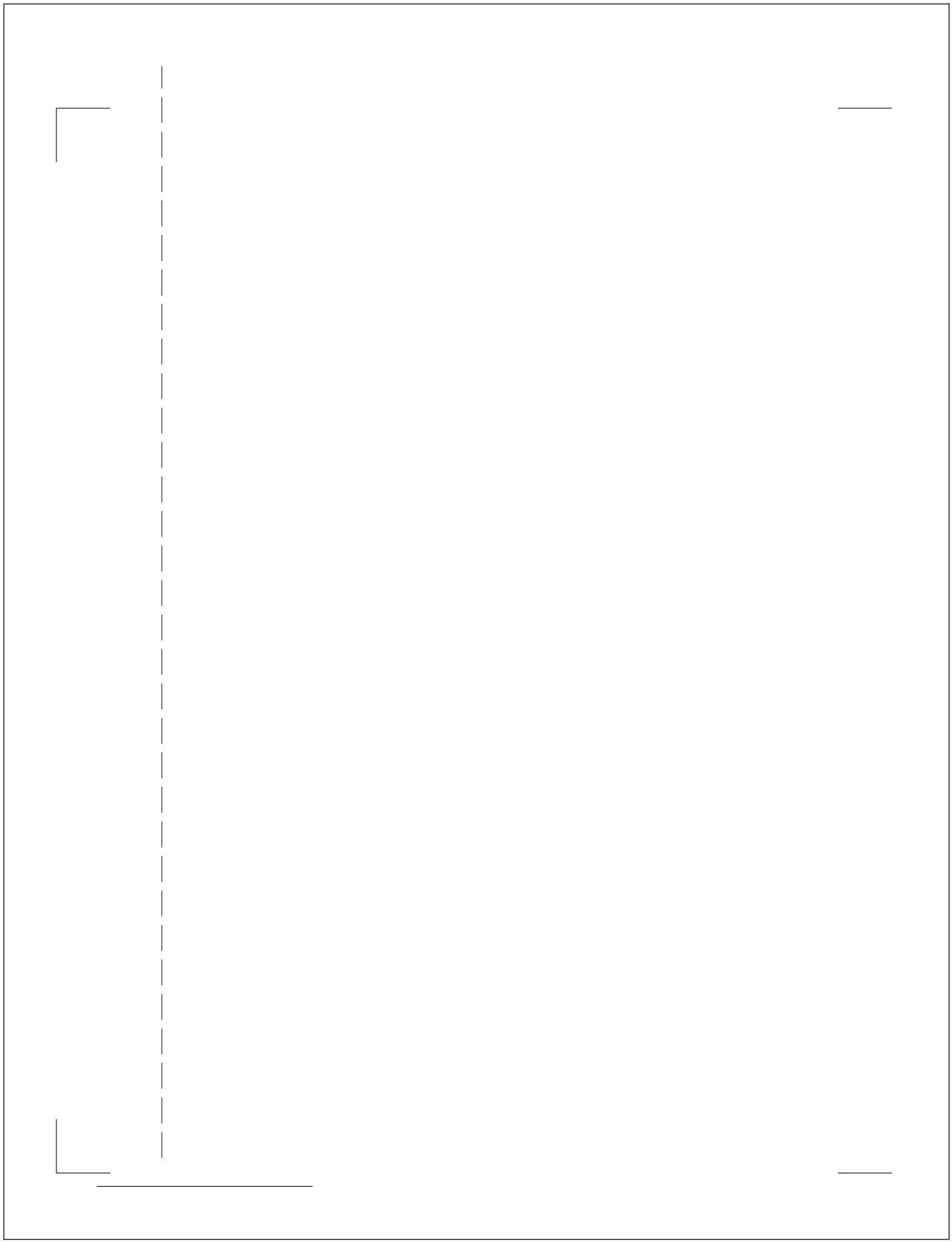

Figure 111. ProductListPriceUpdate sequence diagram, 8 of 26 (4,2)

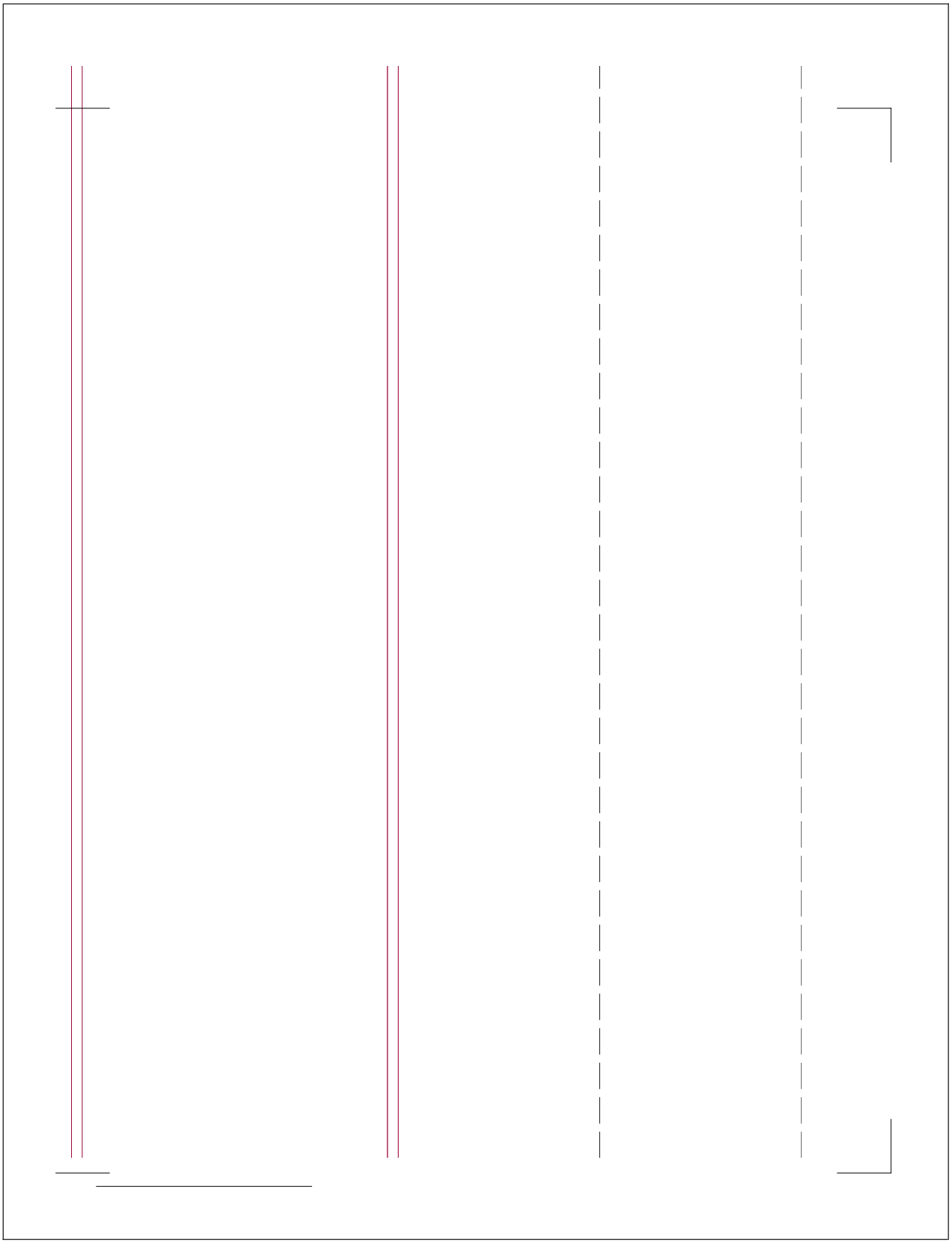

Figure 112. ProductListPriceUpdate sequence diagram, 9 of 26 (5,1)

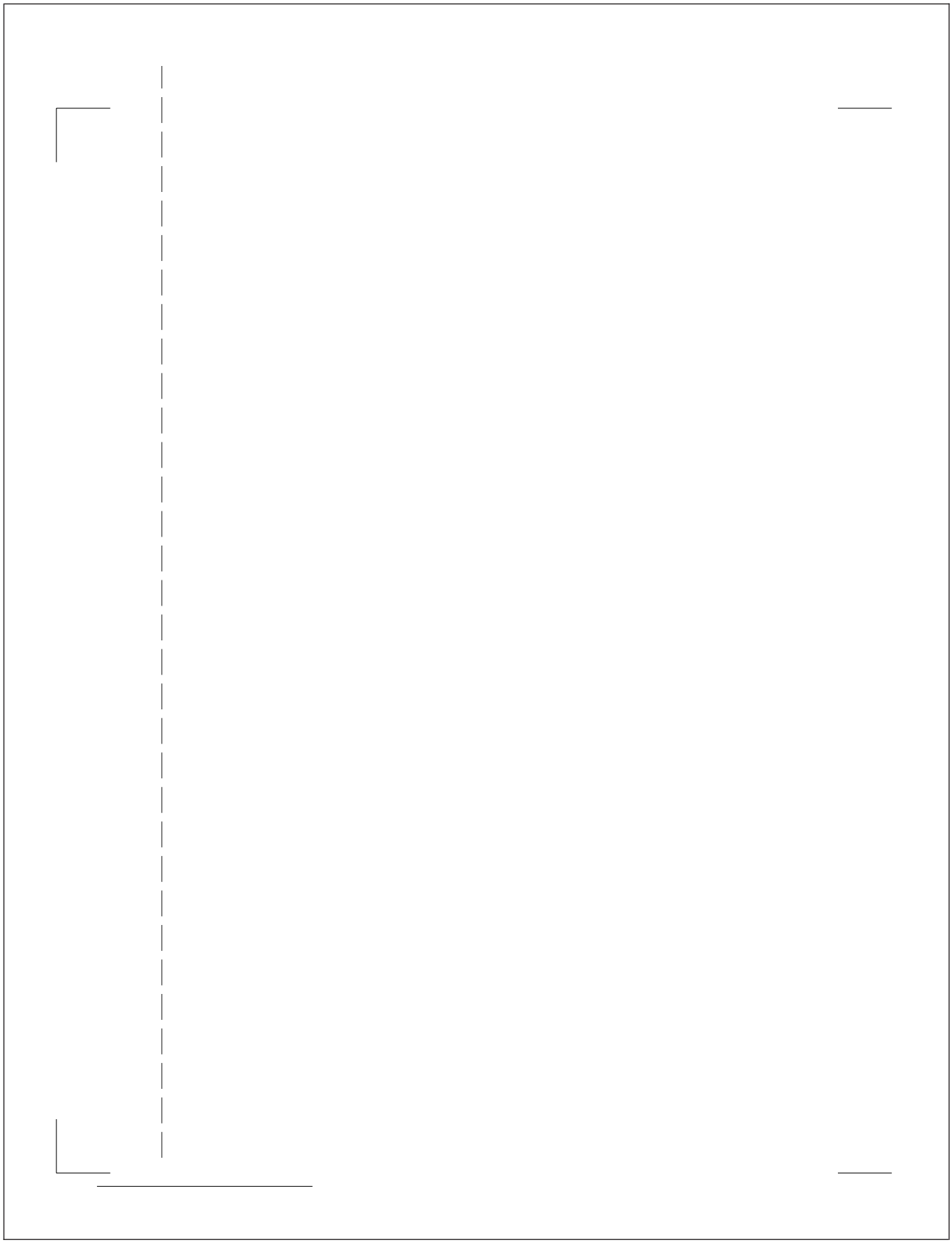

Figure 113. ProductListPriceUpdate sequence diagram, 10 of 26 (5,2)

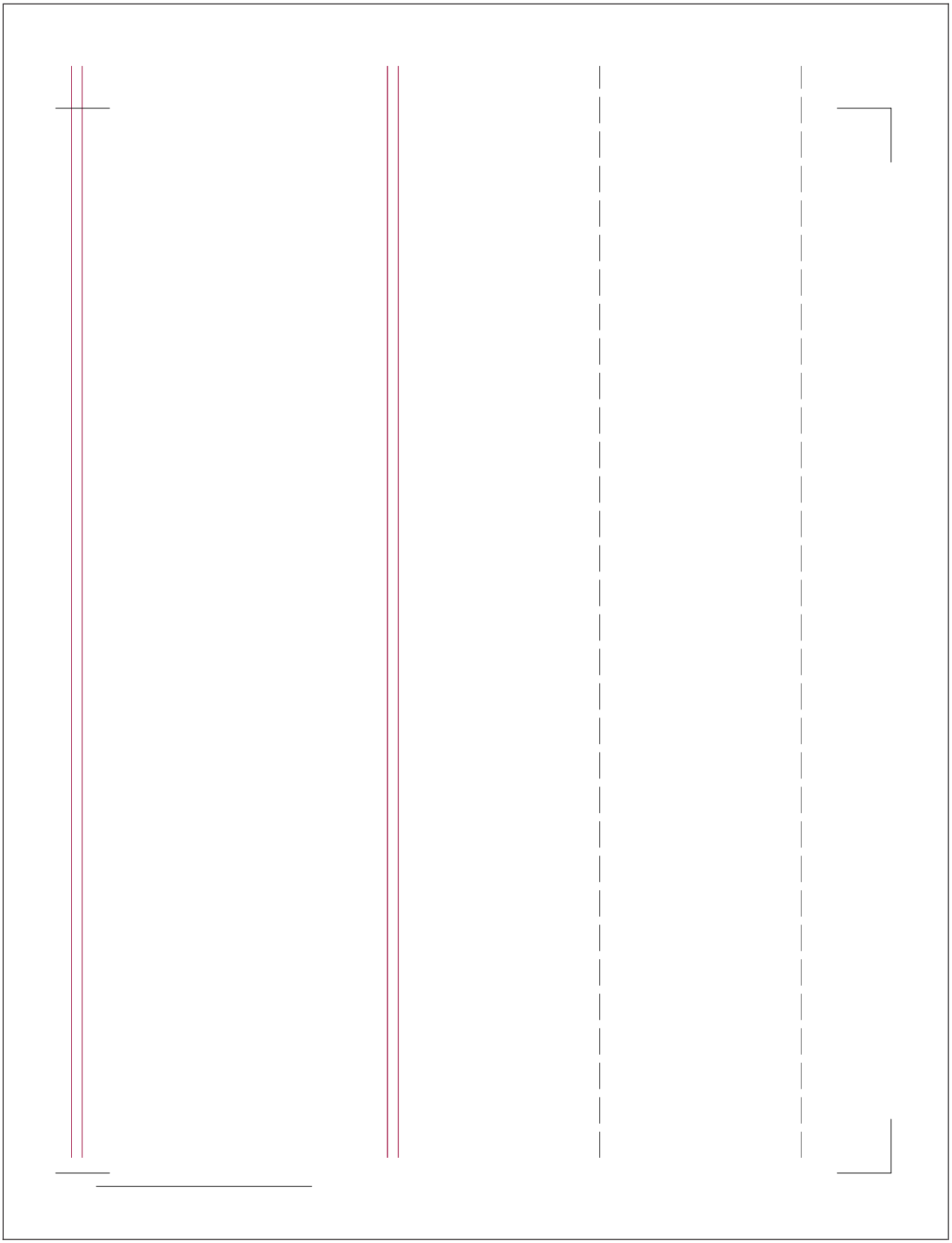

Figure 114. ProductListPriceUpdate sequence diagram, 11 of 26 (6,1)

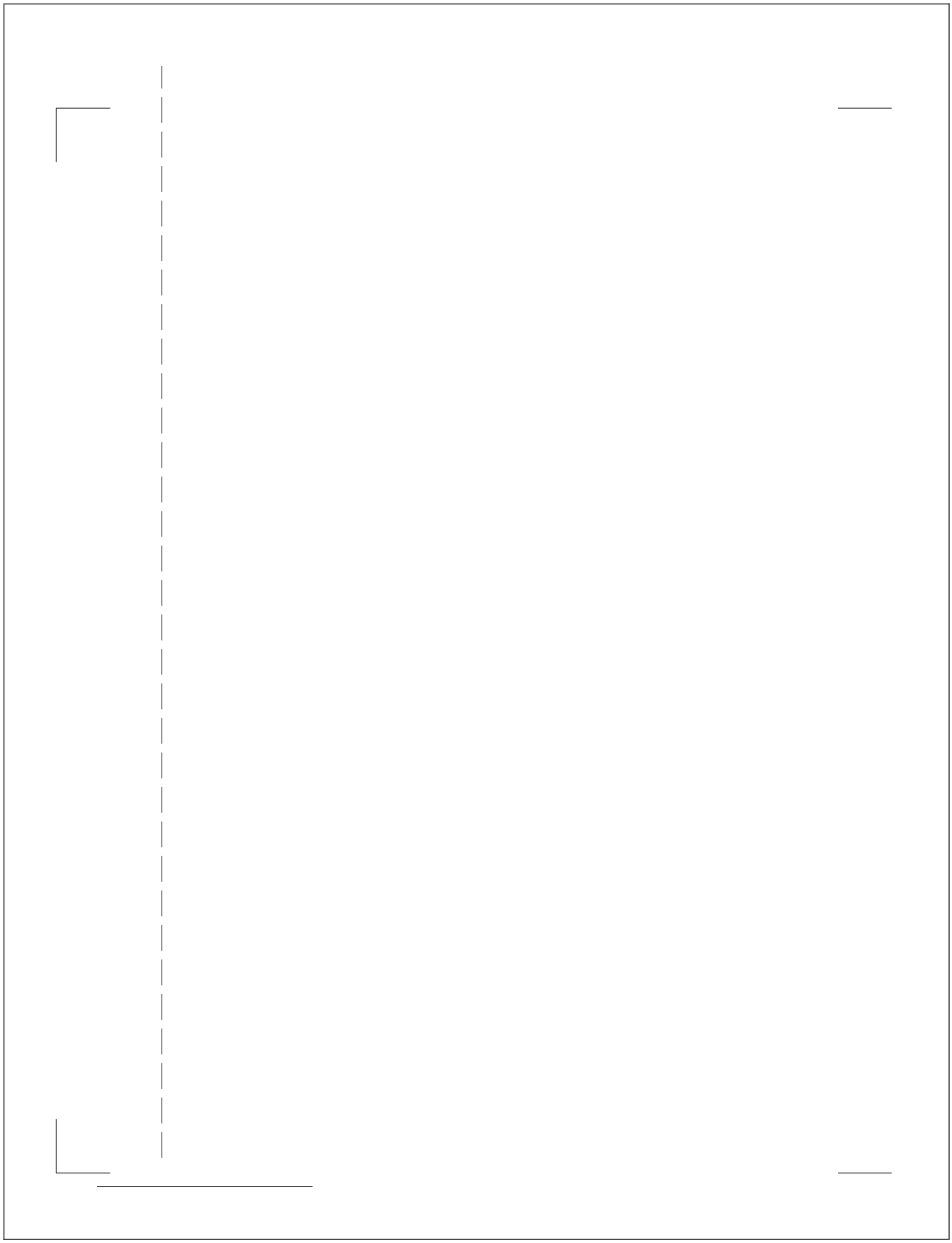

Figure 115. ProductListPriceUpdate sequence diagram, 12 of 26 (6,2)

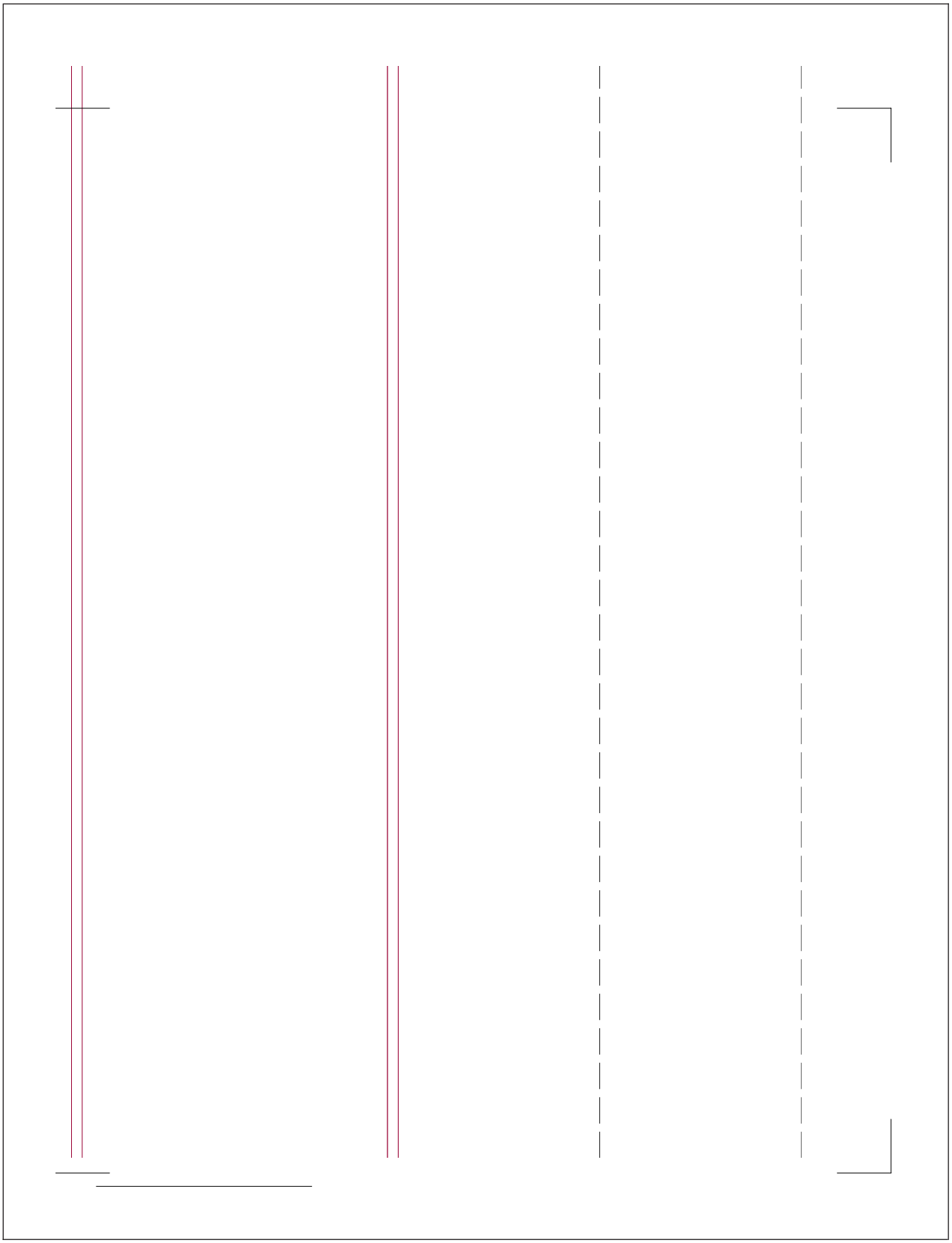

Figure 116. ProductListPriceUpdate sequence diagram, 13 of 26 (7,1)

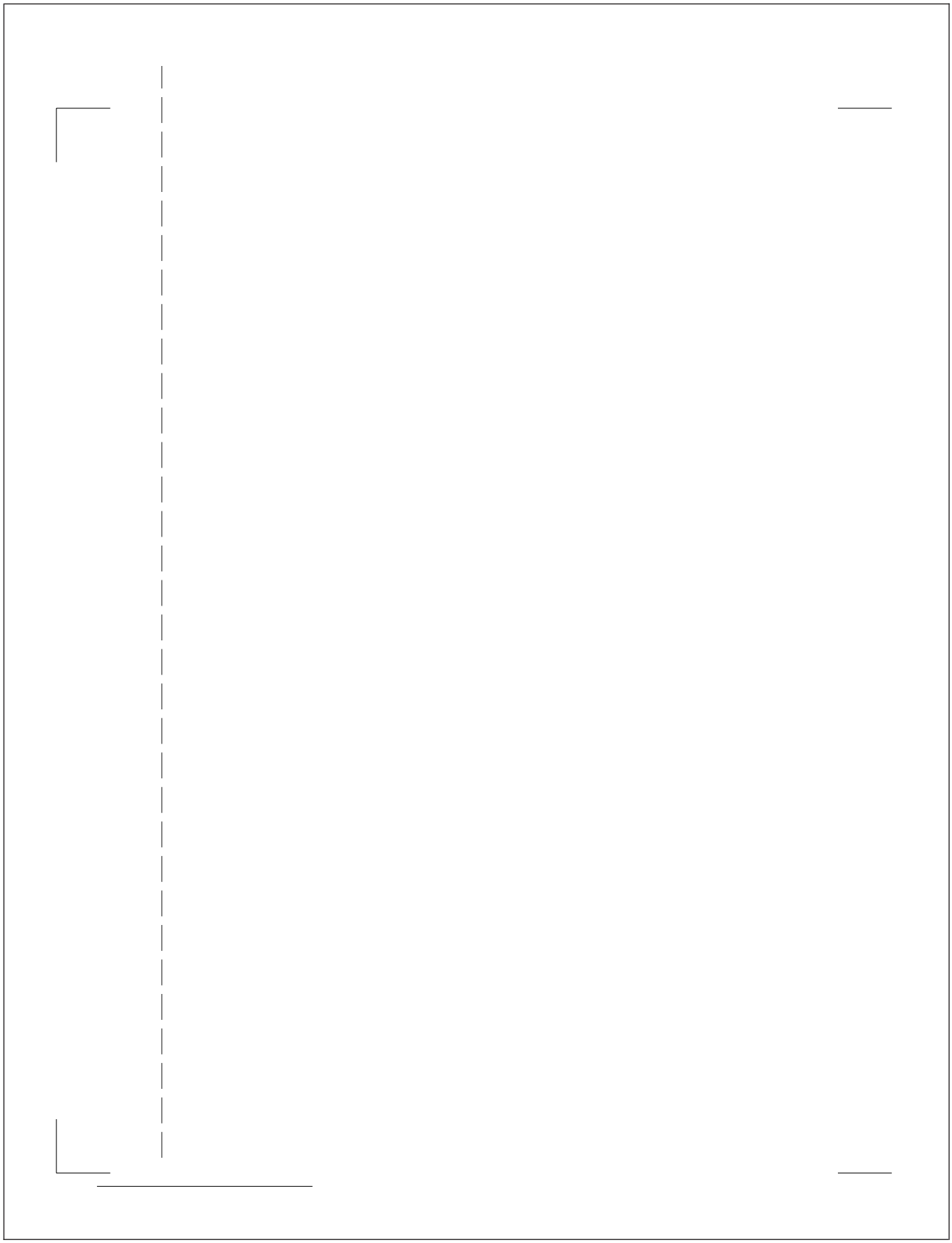

Figure 117. ProductListPriceUpdate sequence diagram, 14 of 26 (7,2)

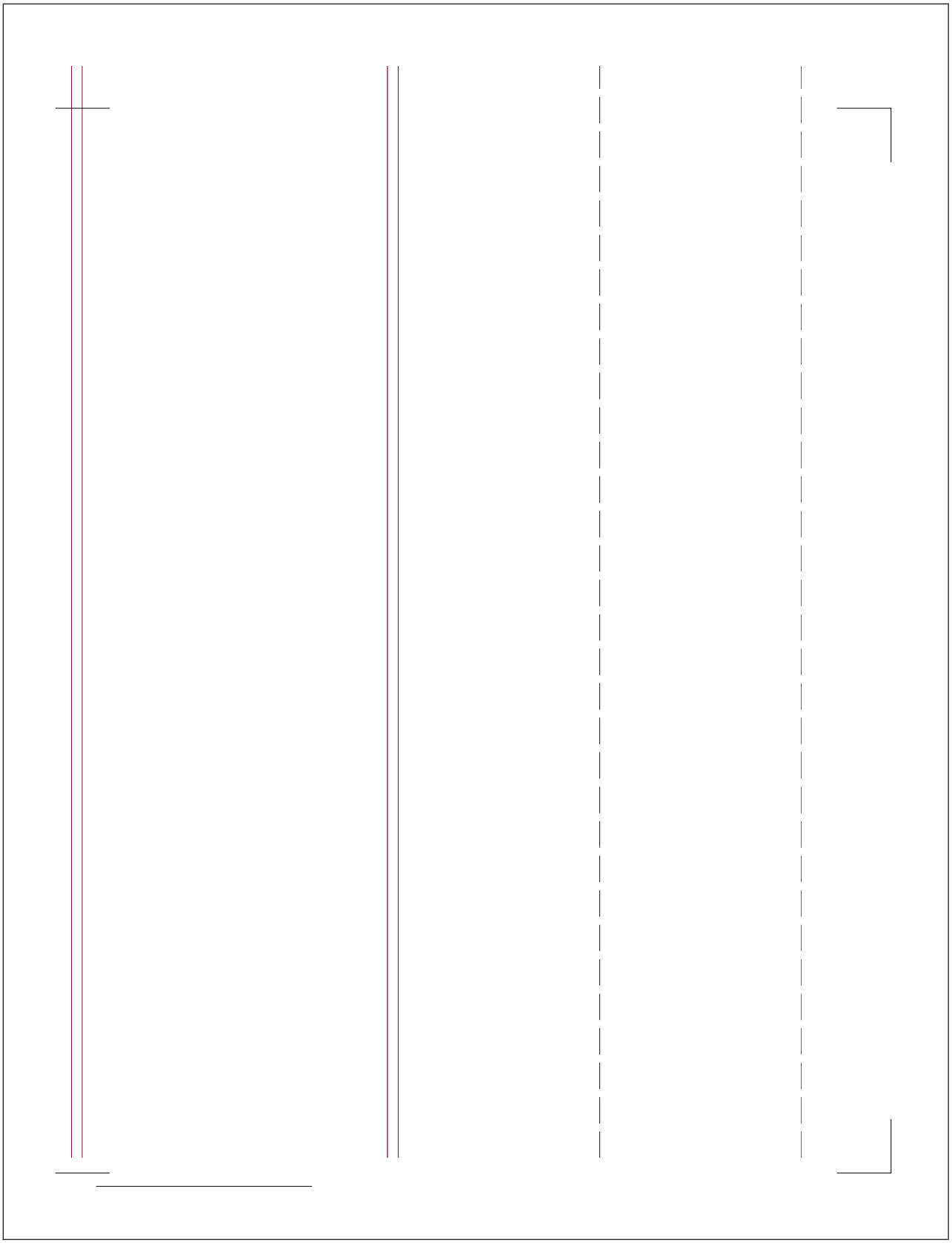

Figure 118. ProductListPriceUpdate sequence diagram, 15 of 26 (8,1)

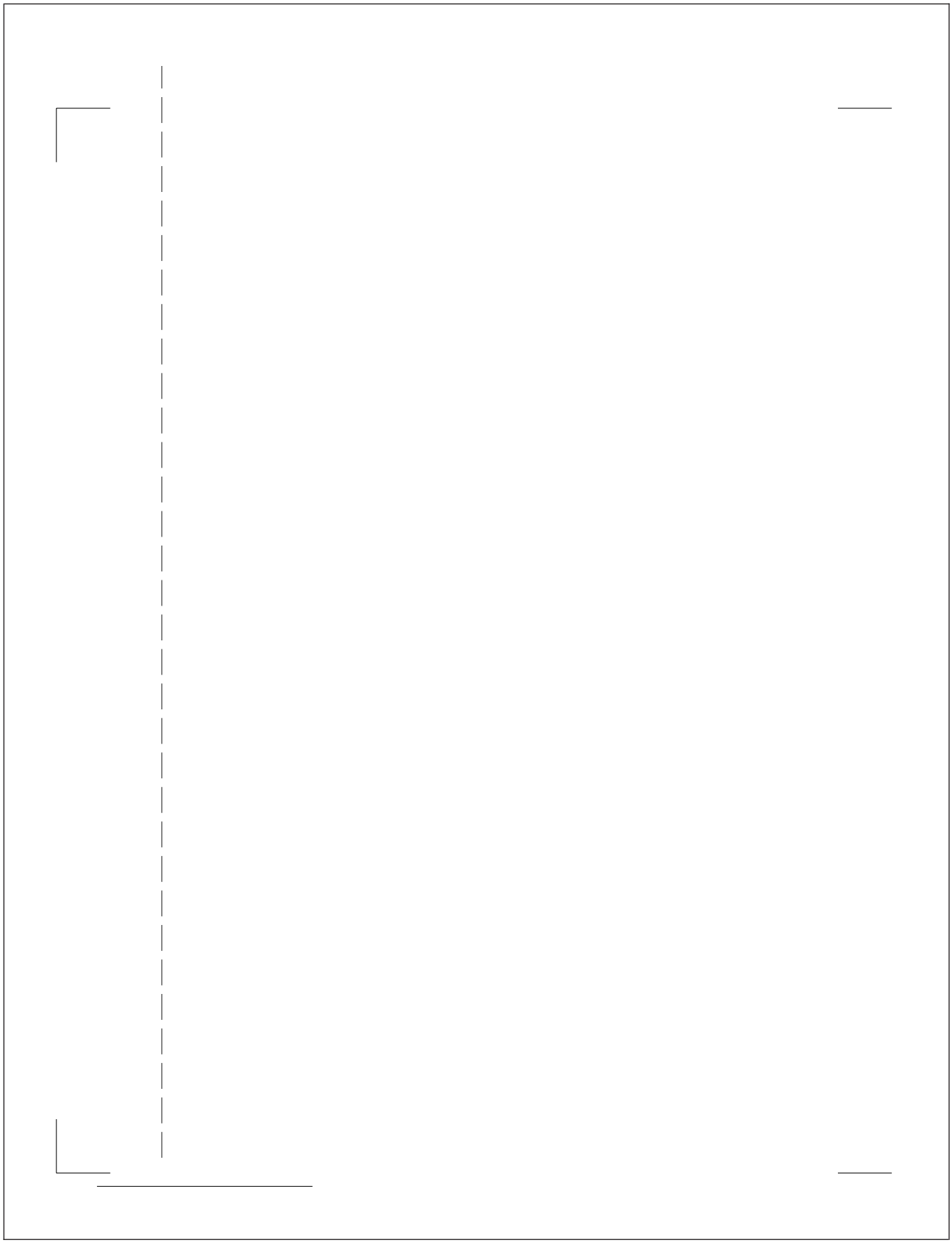

Figure 119. ProductListPriceUpdate sequence diagram, 16 of 26 (8,2)

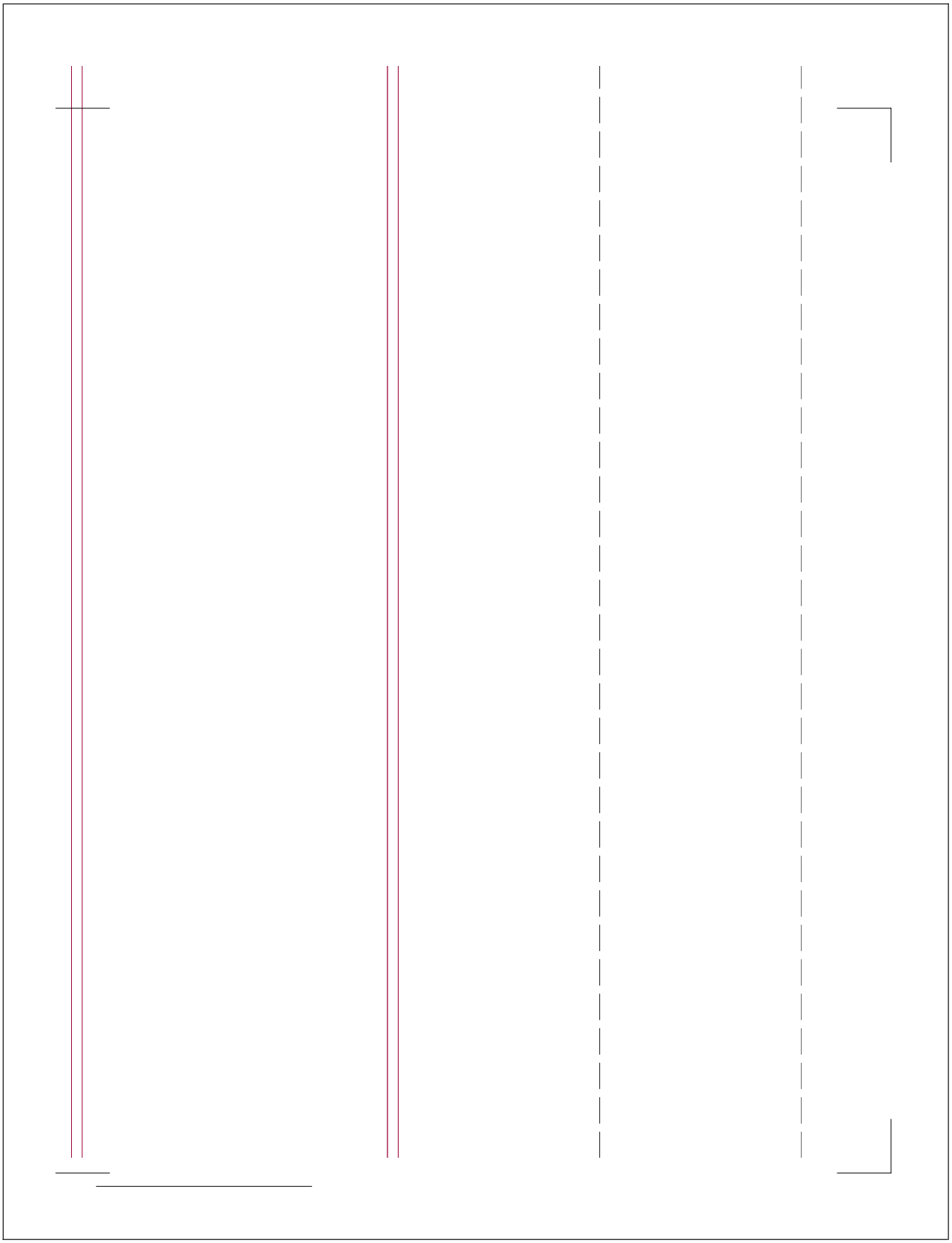

Figure 120. ProductListPriceUpdate sequence diagram, 17 of 26 (9,1)

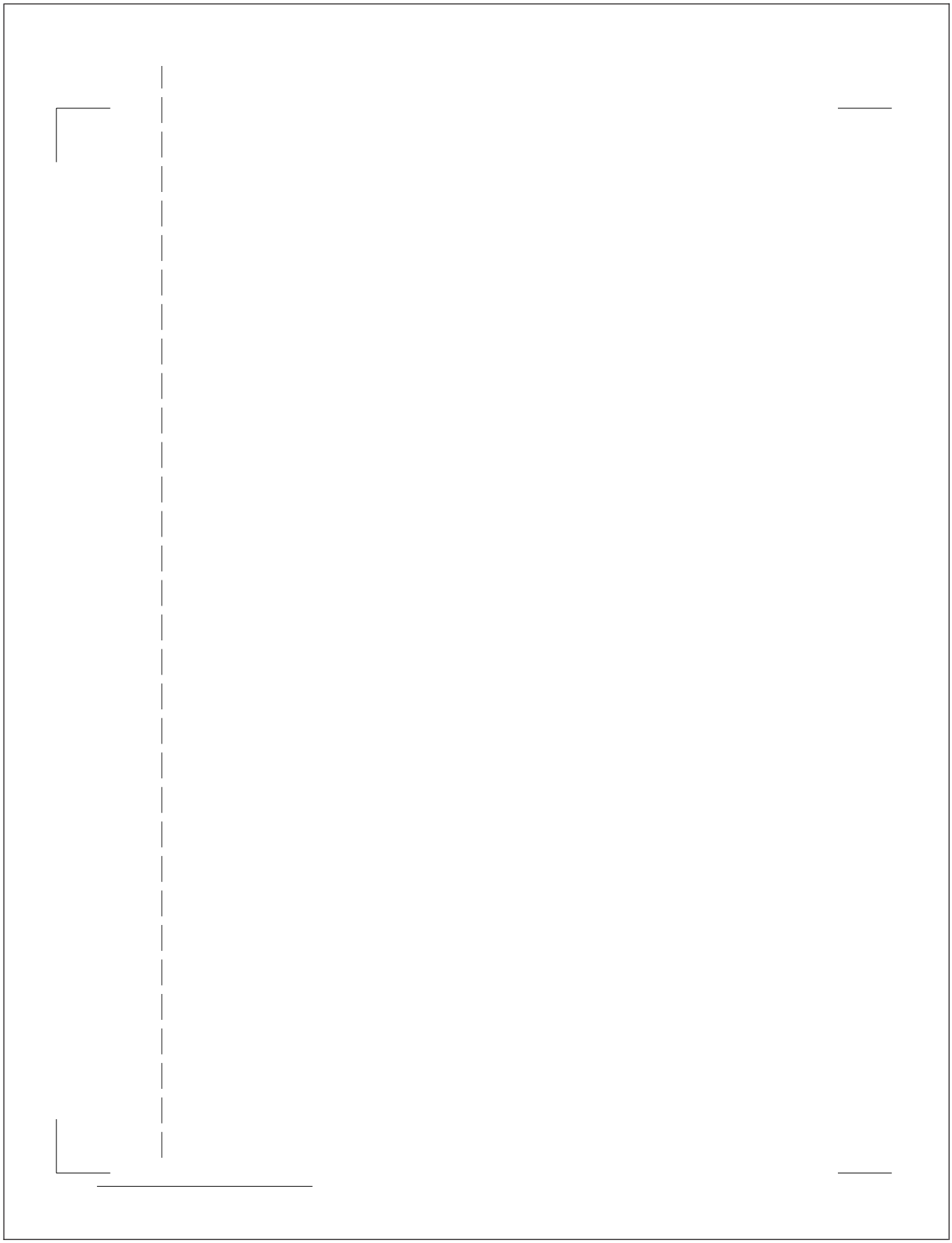

Figure 121. ProductListPriceUpdate sequence diagram, 18 of 26 (9,2)

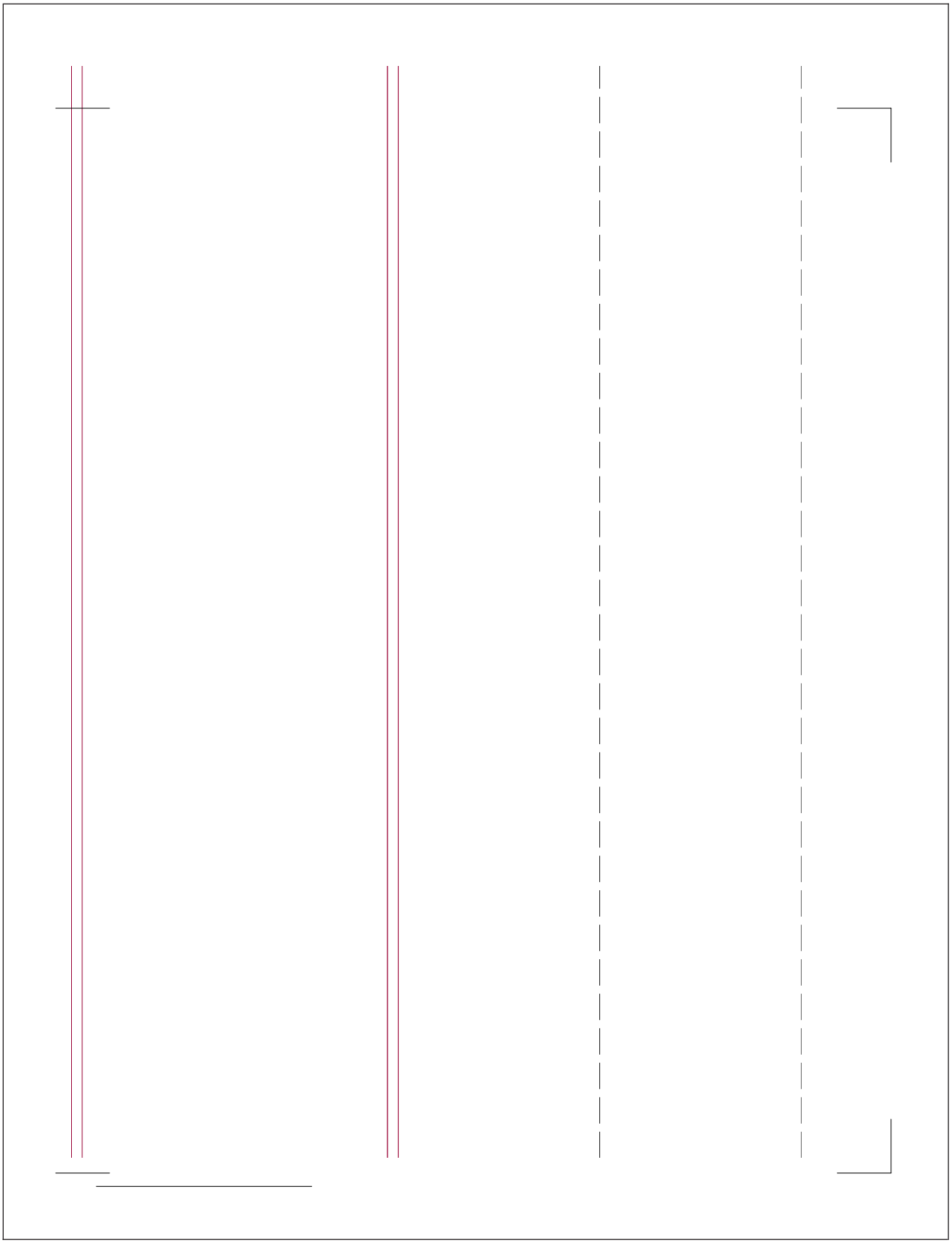

Figure 122. ProductListPriceUpdate sequence diagram, 17 of 26 (9,1)

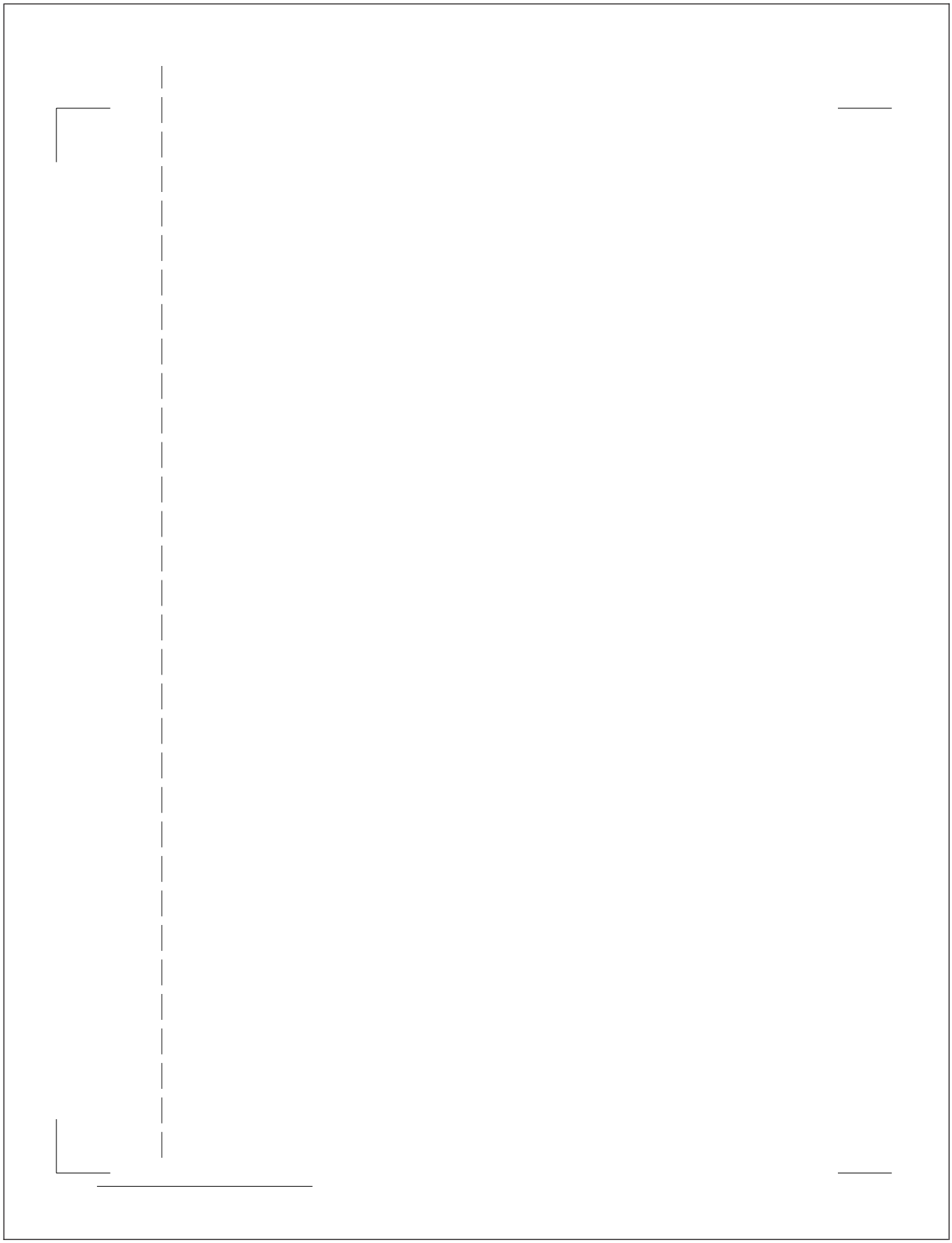

Figure 123. ProductListPriceUpdate sequence diagram, 18 of 26 (9,2)

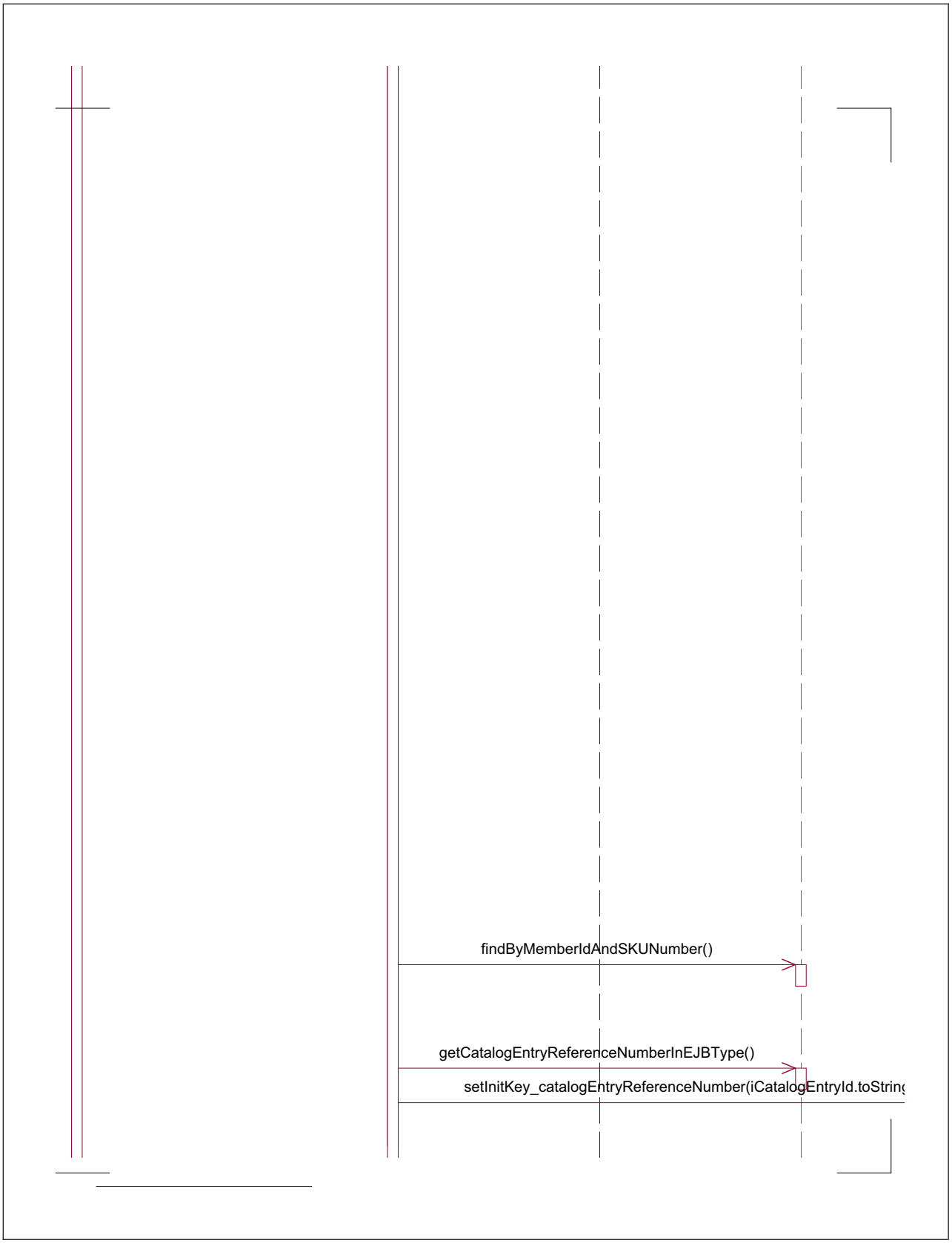

Figure 124. ProductListPriceUpdate sequence diagram, 19 of 26 (10,1)

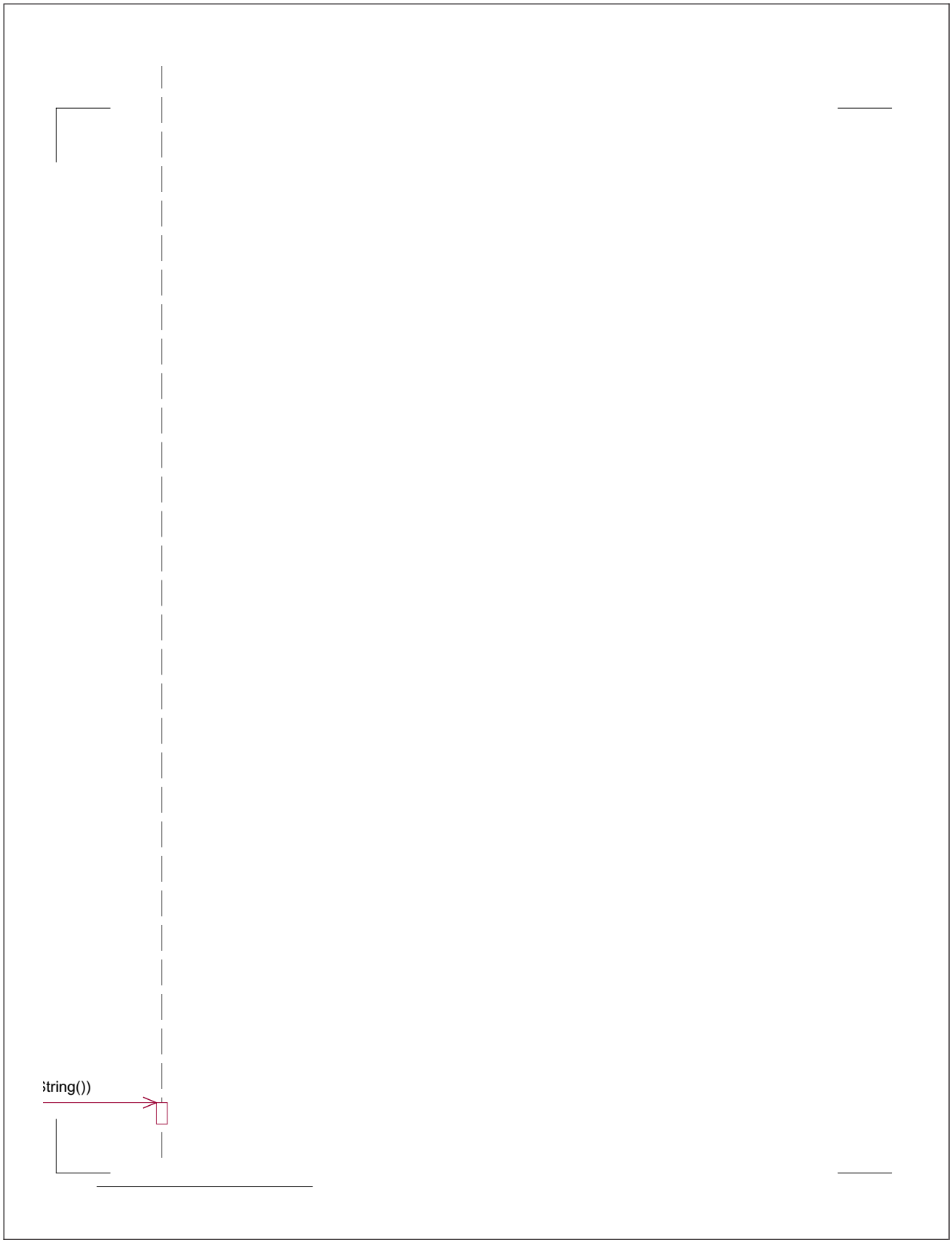

Figure 125. ProductListPriceUpdate sequence diagram, 20 of 26 (10,2)

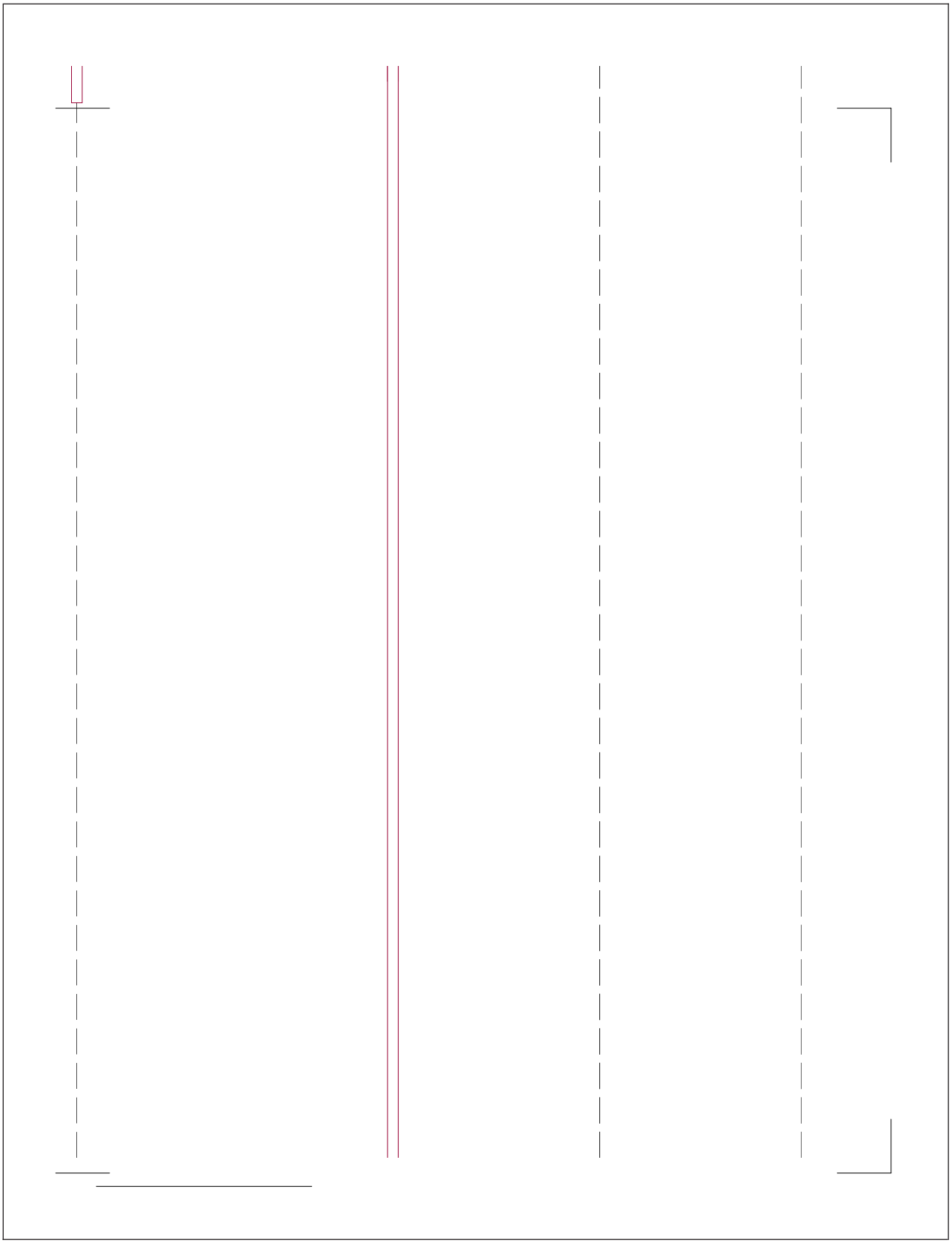

Figure 126. ProductListPriceUpdate sequence diagram, 21 of 26 (11,1)

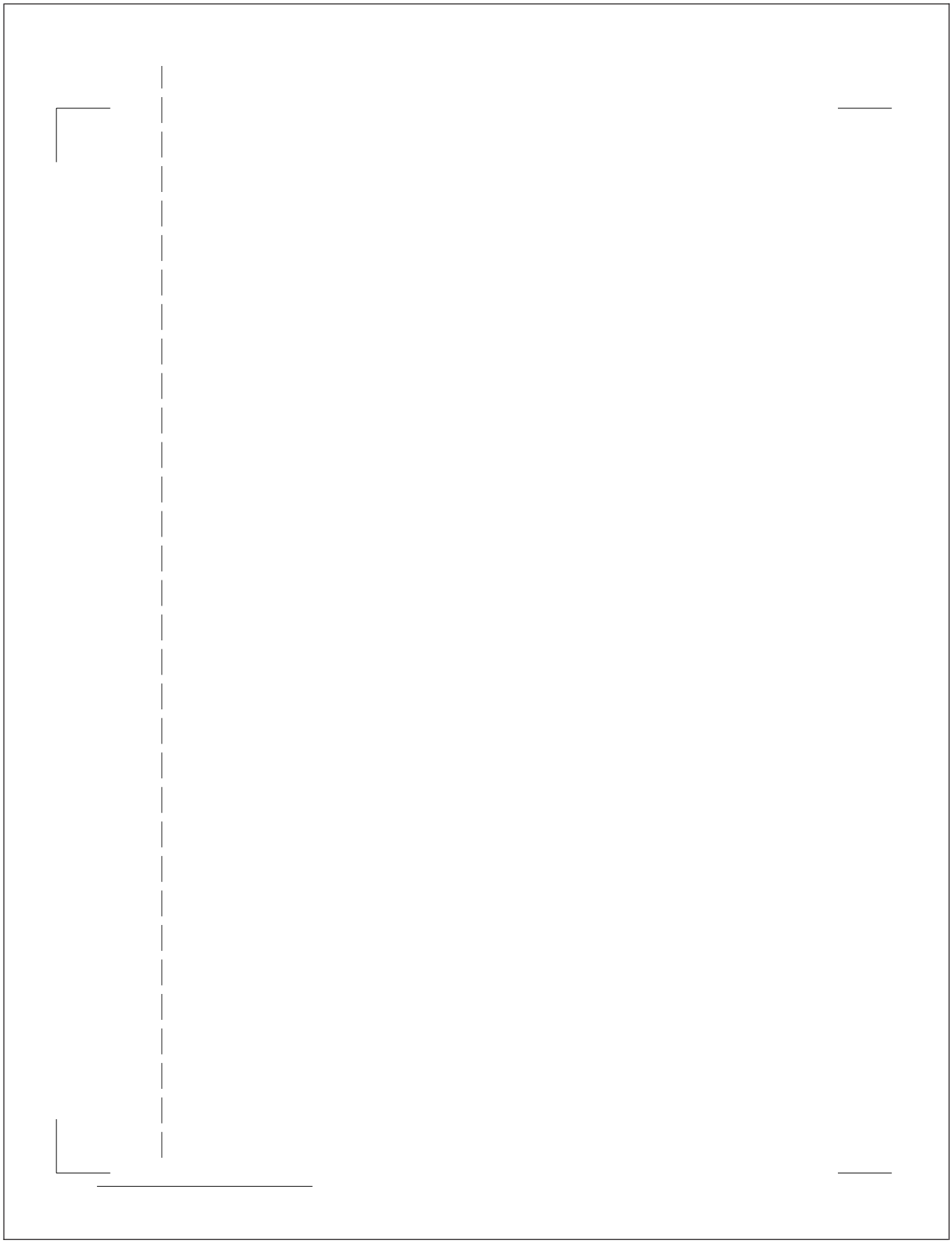

Figure 127. ProductListPriceUpdate sequence diagram, 22 of 26 (11,2)

Figure 128. ProductListPriceUpdate sequence diagram, 23 of 26 (12,1)

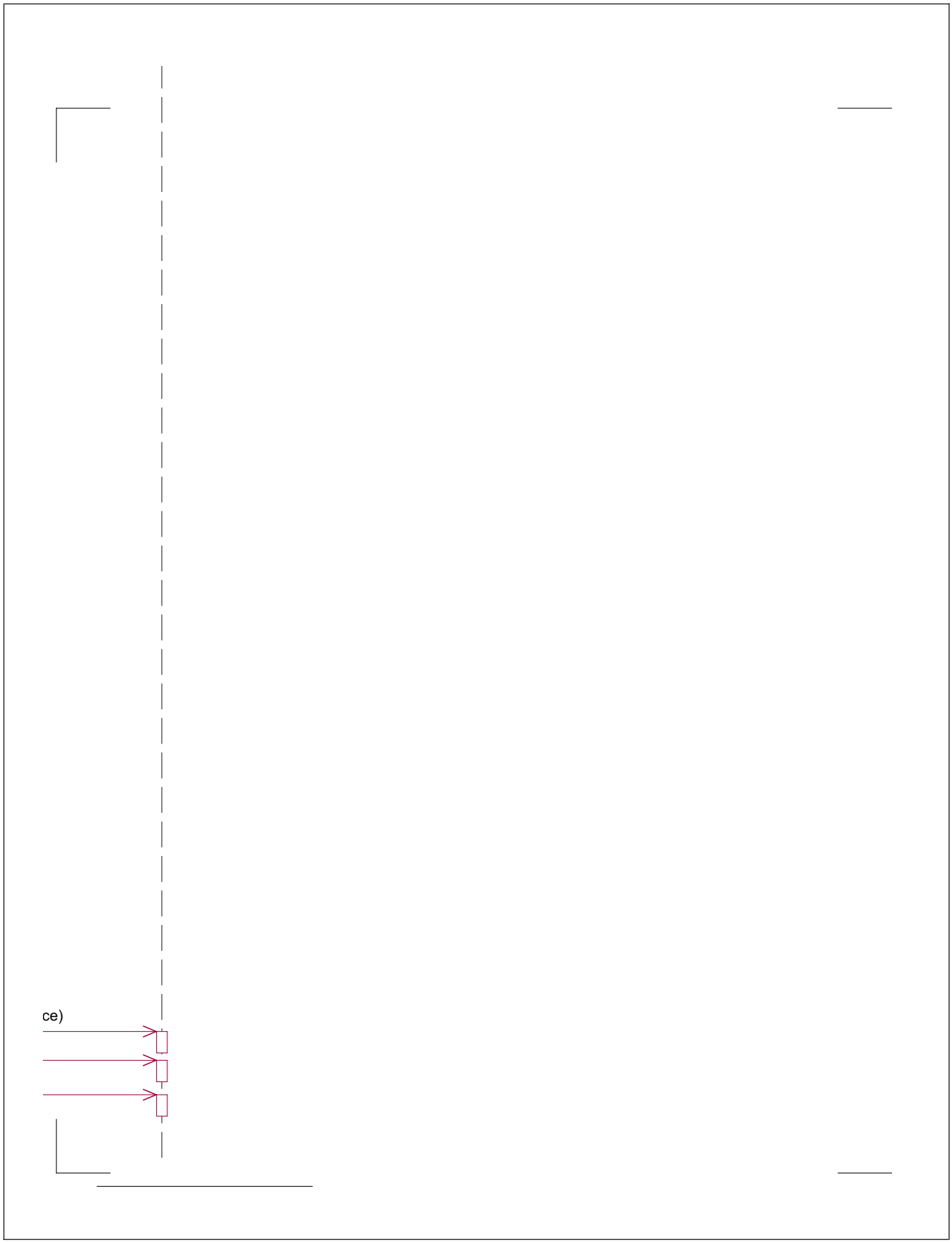

Figure 129. ProductListPriceUpdate sequence diagram, 24 of 26 (12,2)

Figure 130. ProductListPriceUpdate sequence diagram, 23 of 26 (12,1)

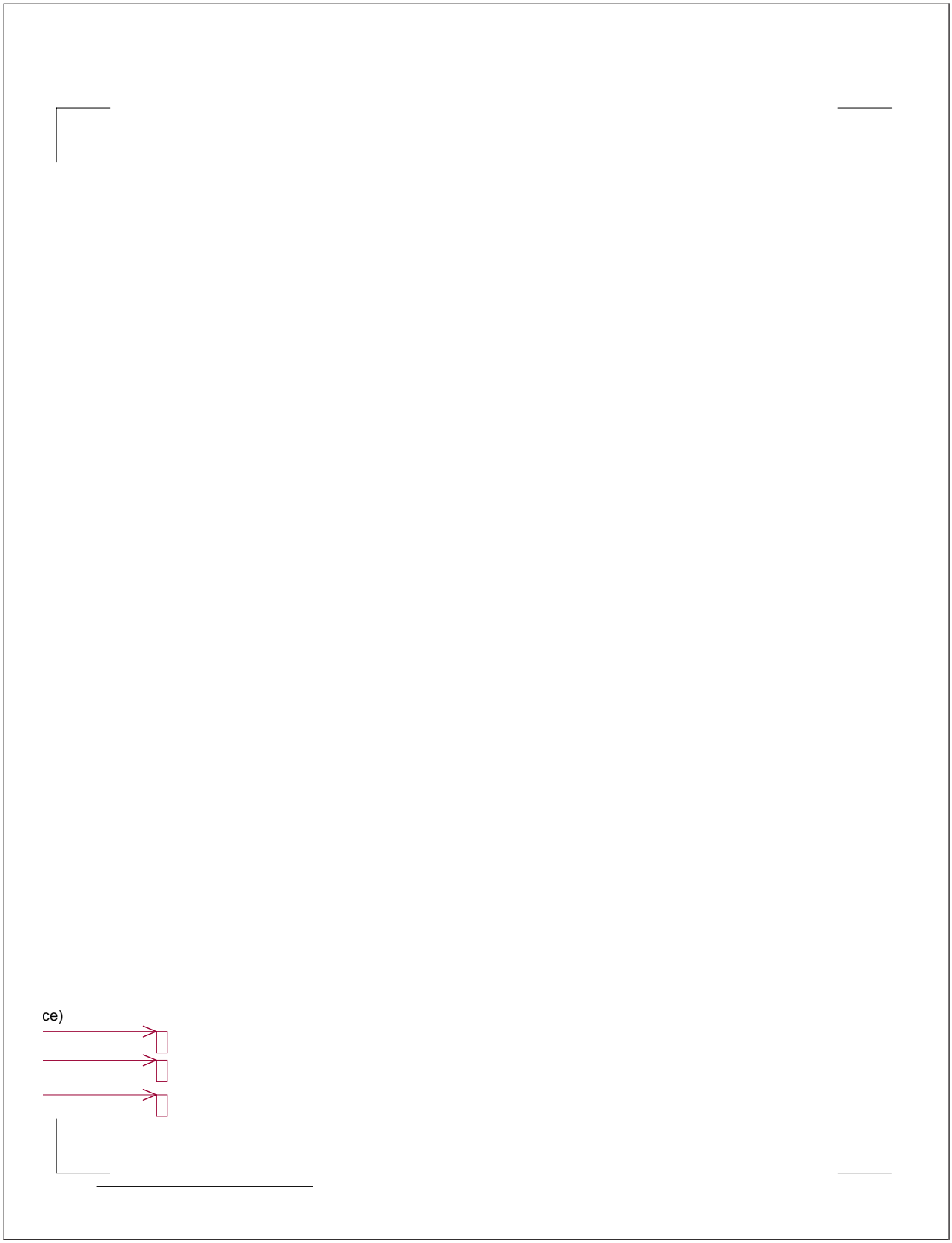

Figure 131. ProductListPriceUpdate sequence diagram, 24 of 26 (12,2)

Figure 132. ProductListPriceUpdate sequence diagram, 25 of 26 (13,1)

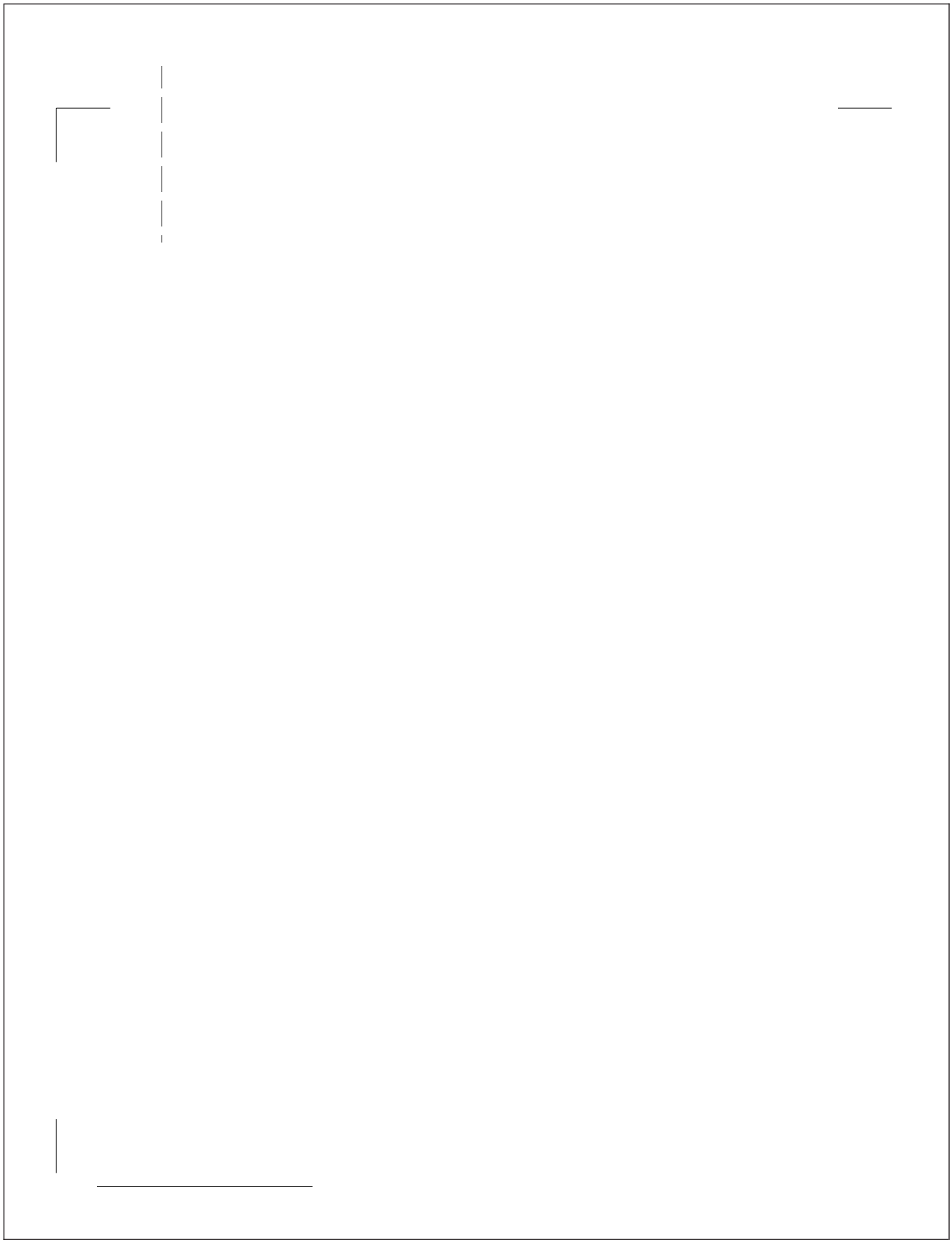

Figure 133. ProductListPriceUpdate sequence diagram, 26 of 26 (13,2)

ProductOfferPriceUpdate sequence diagram

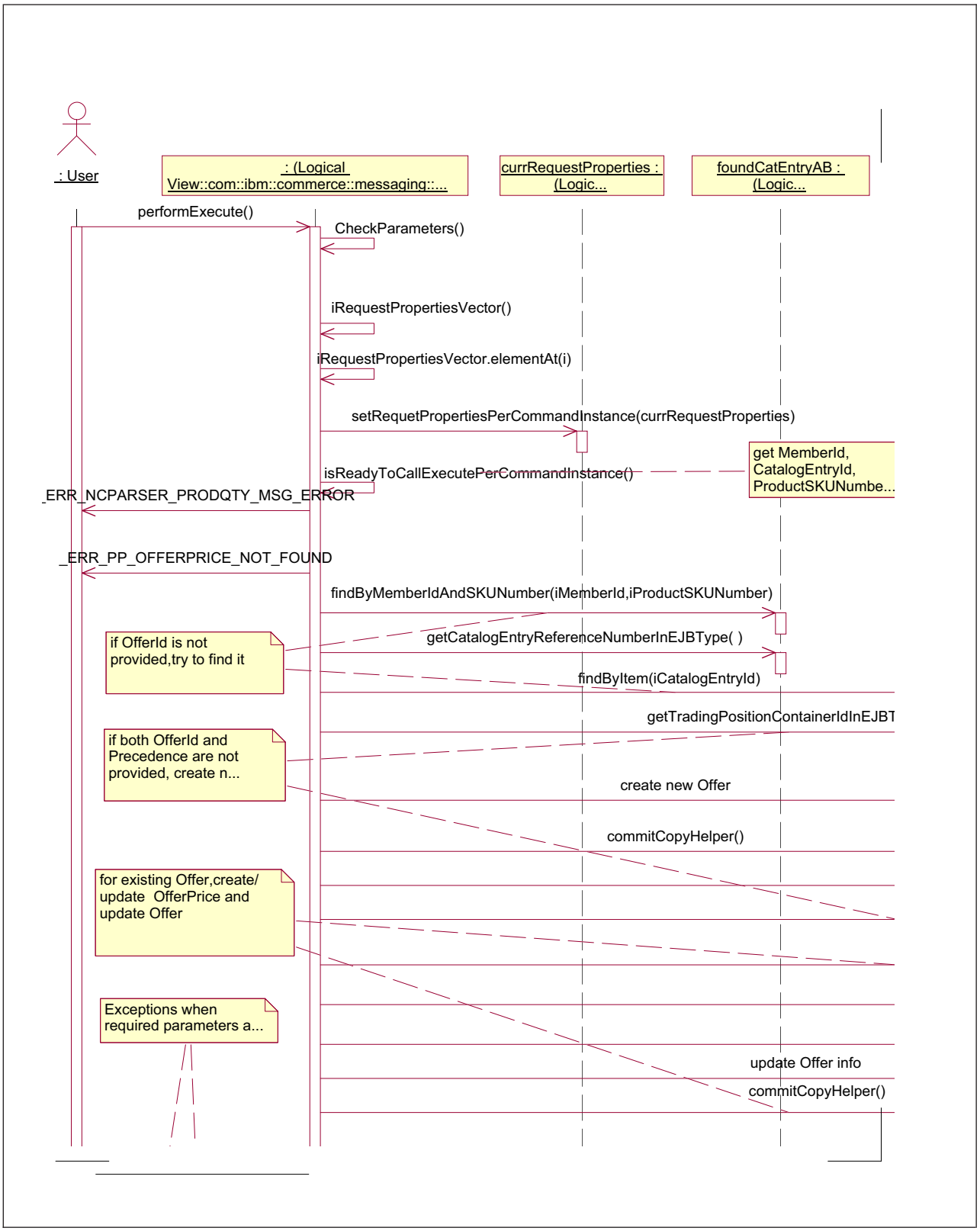

Figure 134. ProductOfferPriceUpdate sequence diagram, 1 of 26 (1,1)

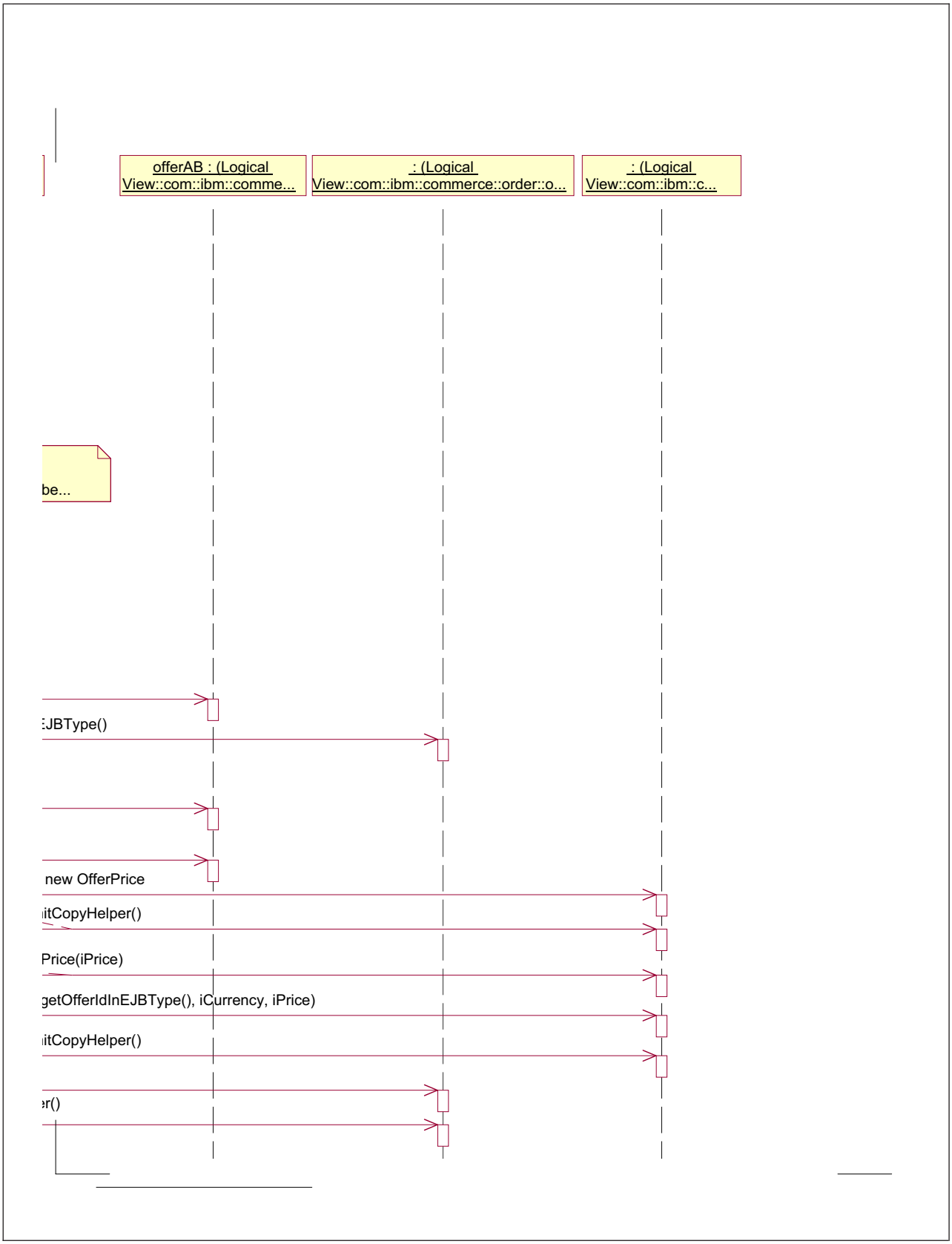

Figure 135. ProductOfferPriceUpdate sequence diagram, 2 of 26 (1,2)

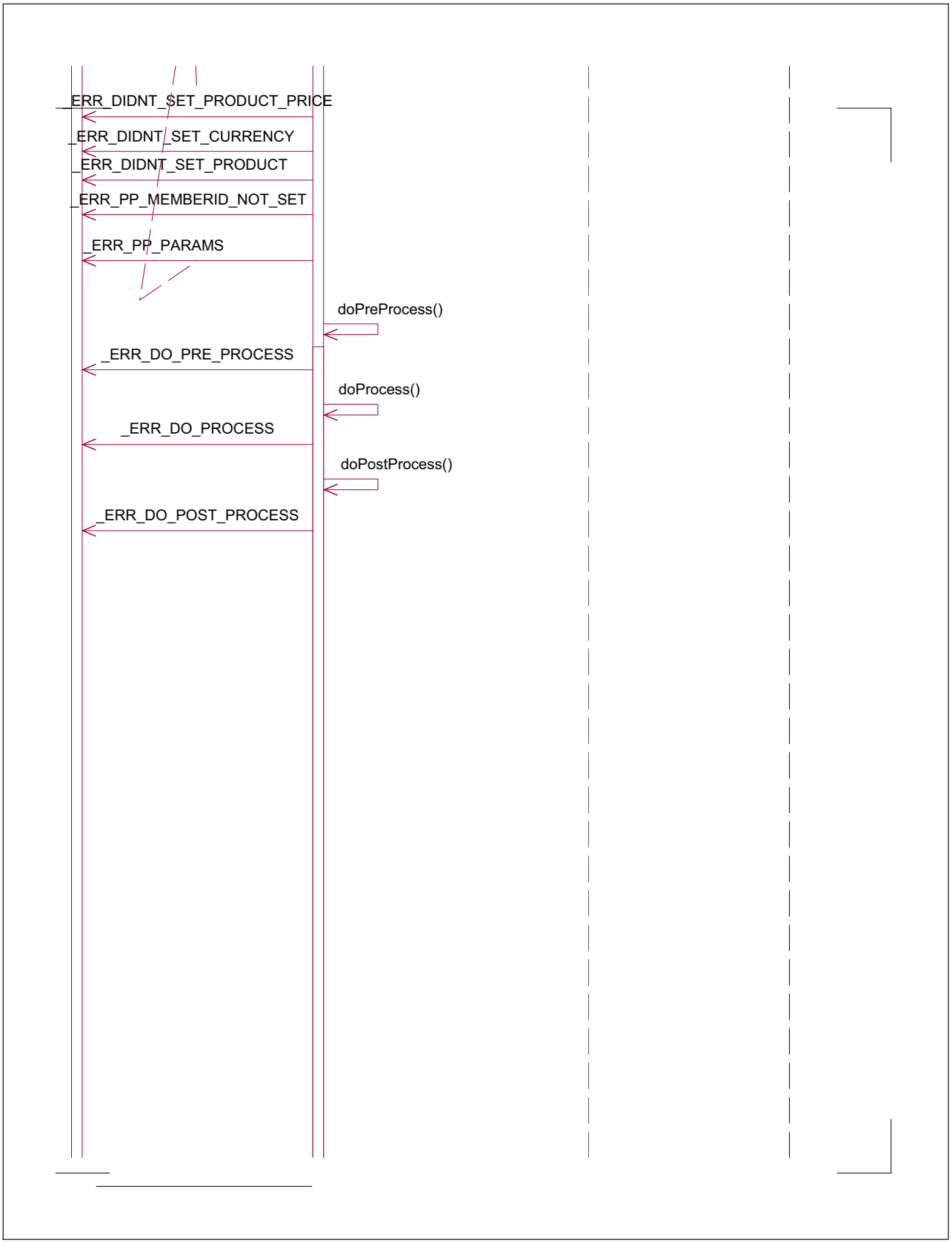

Figure 136. ProductOfferPriceUpdate sequence diagram, 3 of 26 (2,1)

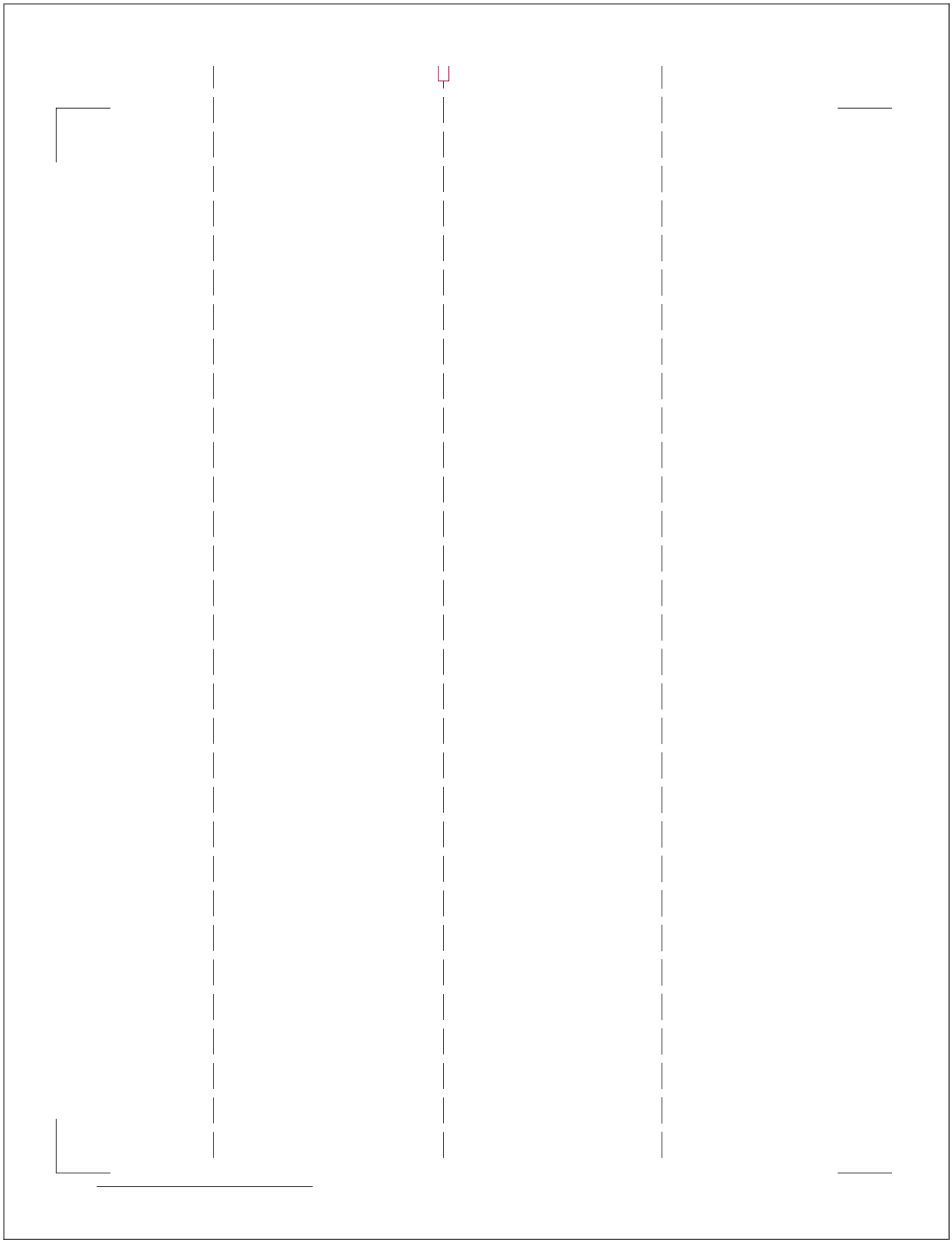

Figure 137. ProductOfferPriceUpdate sequence diagram, 4 of 26 (2,2)

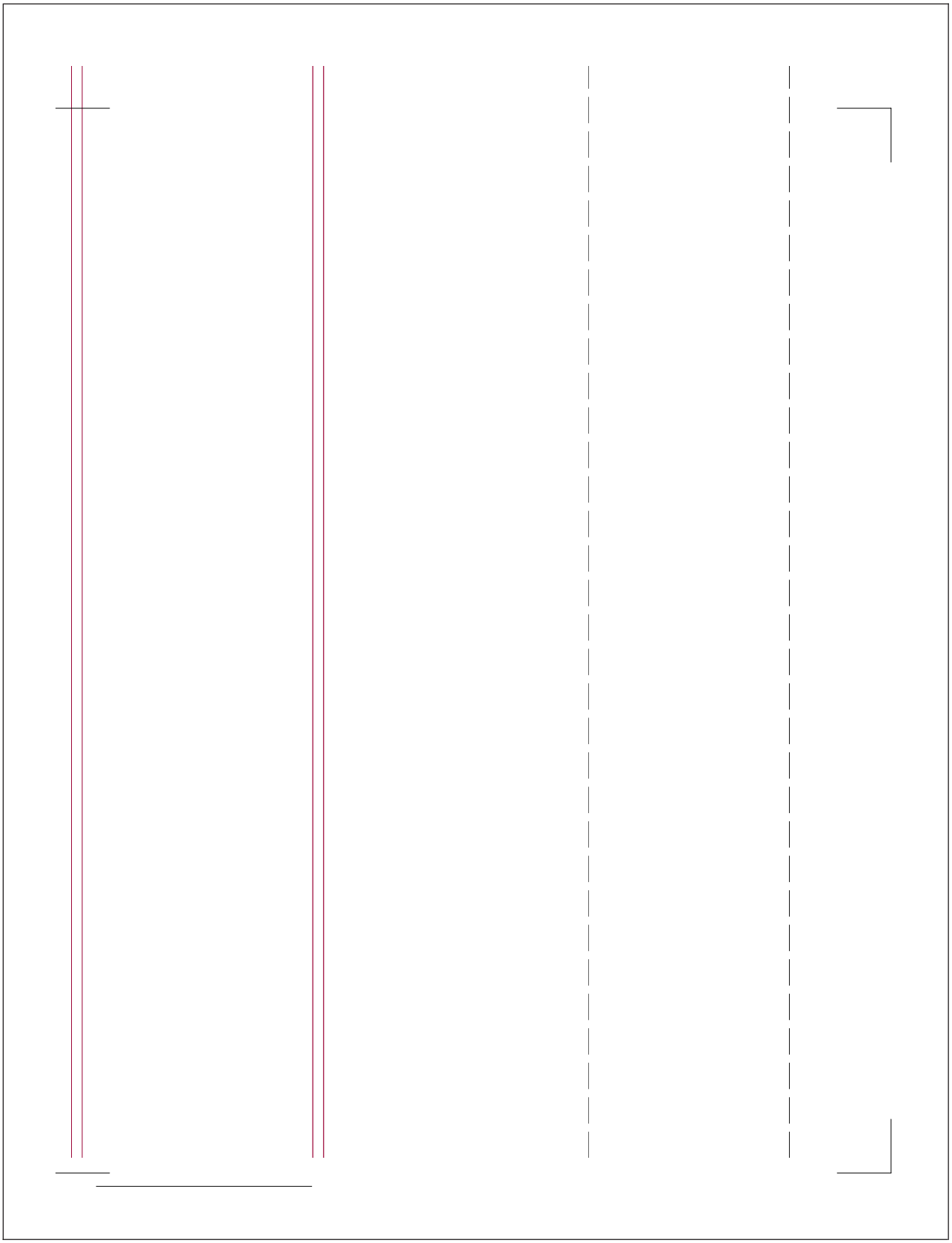

Figure 138. ProductOfferPriceUpdate sequence diagram, 5 of 26 (3,1)

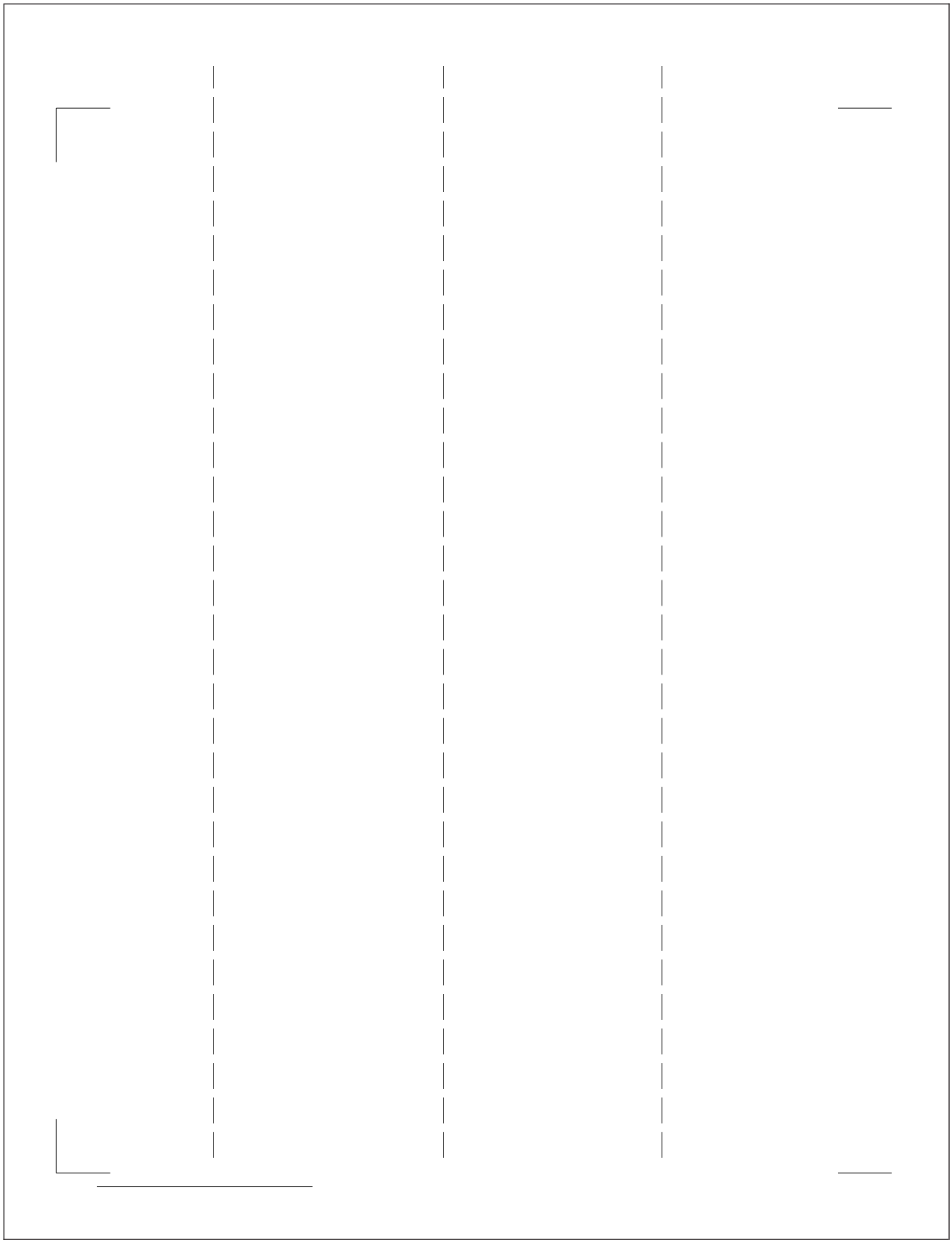

Figure 139. ProductOfferPriceUpdate sequence diagram, 6 of 26 (3,2)

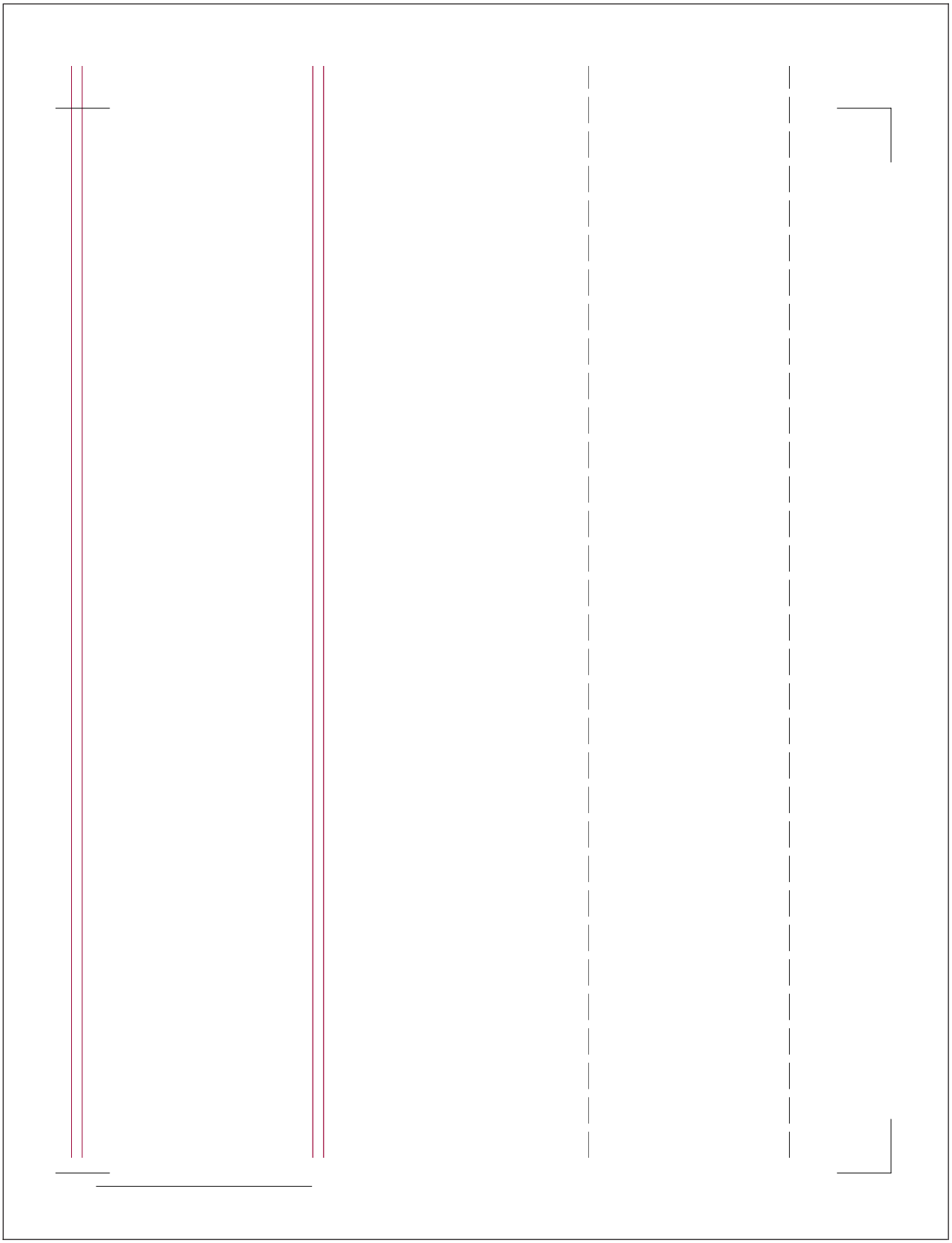

Figure 140. ProductOfferPriceUpdate sequence diagram, 7 of 26 (4,1)

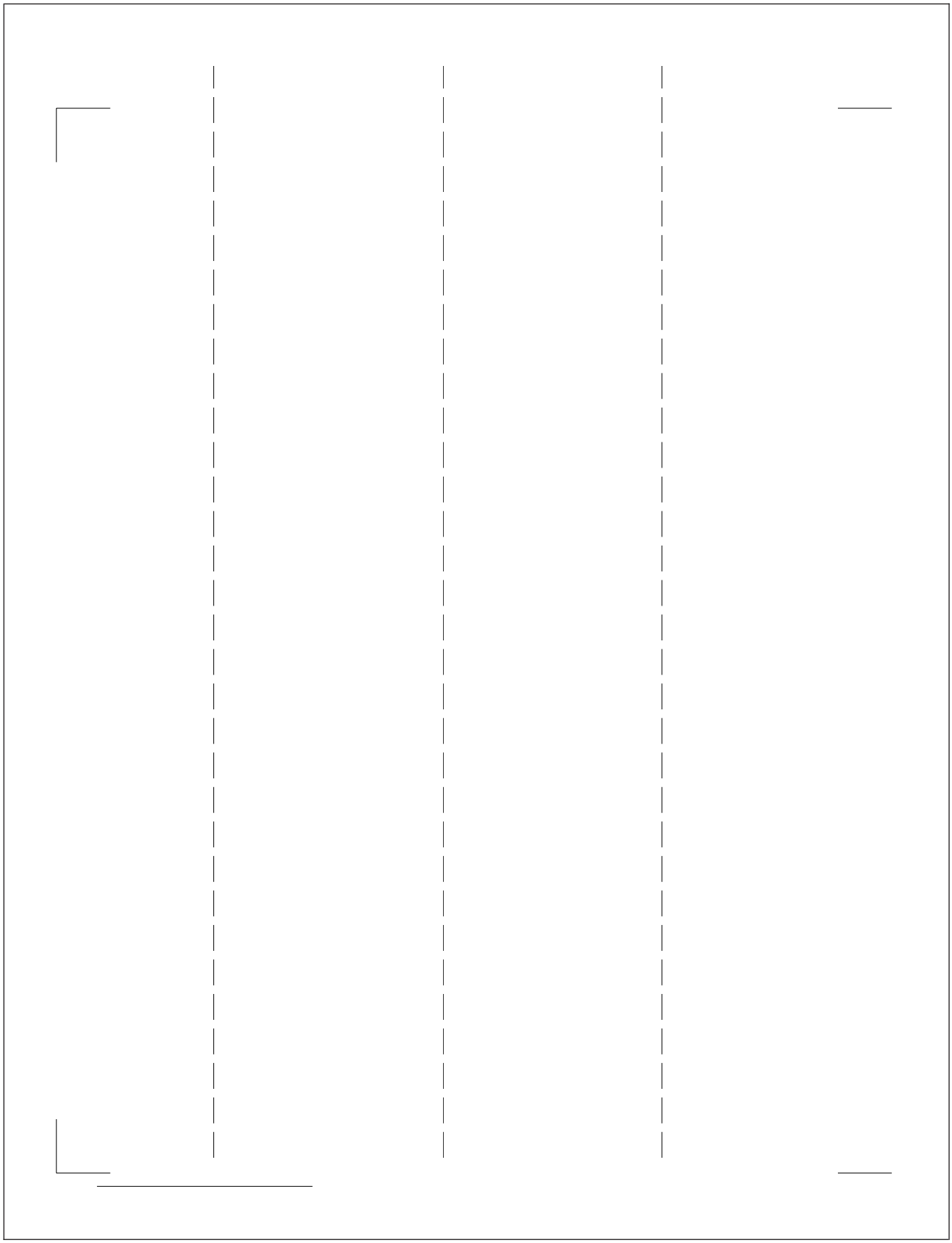

Figure 141. ProductOfferPriceUpdate sequence diagram, 8 of 26 (4,2)

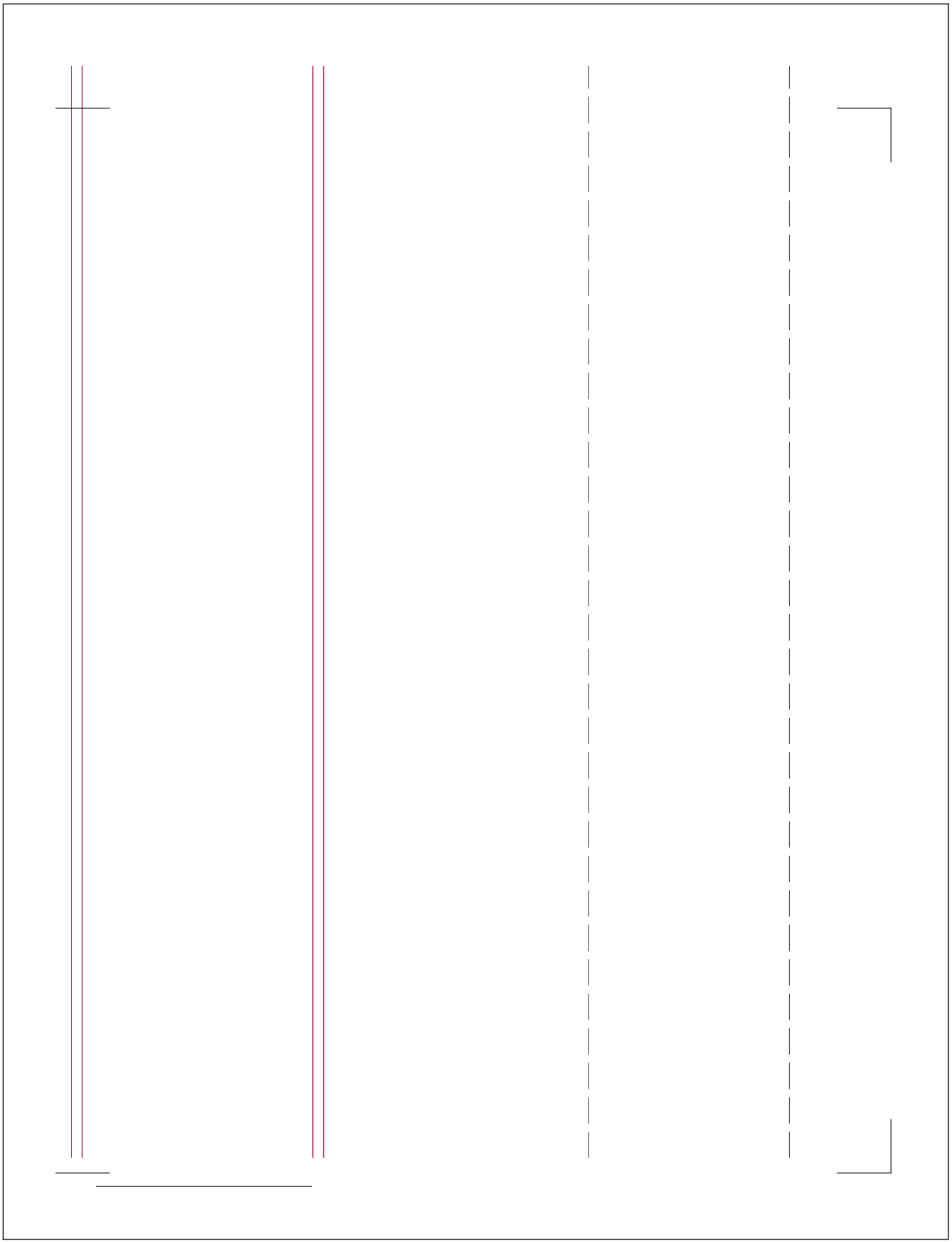

Figure 142. ProductOfferPriceUpdate sequence diagram, 9 of 26 (5,1)

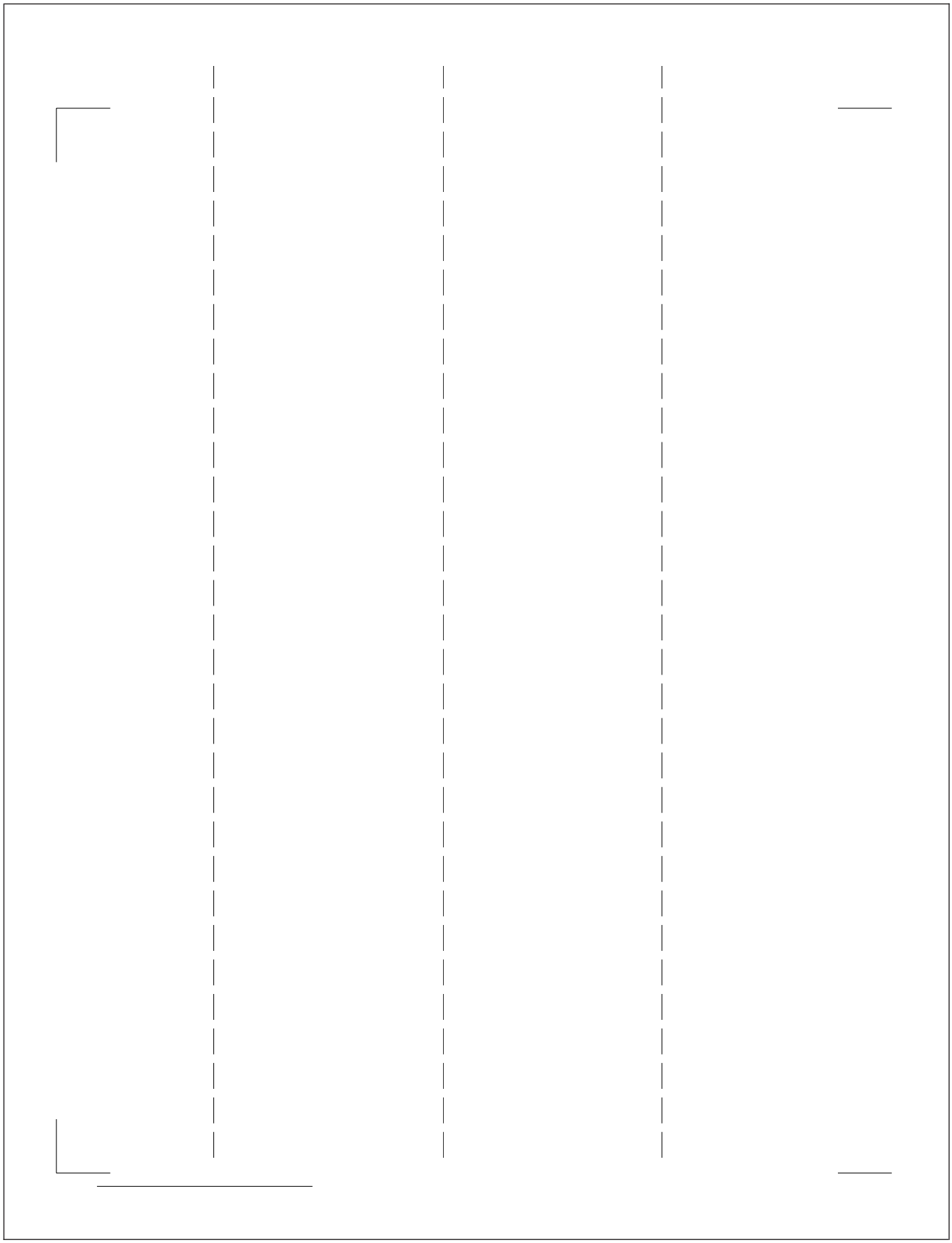

Figure 143. ProductOfferPriceUpdate sequence diagram, 10 of 26 (5,2)

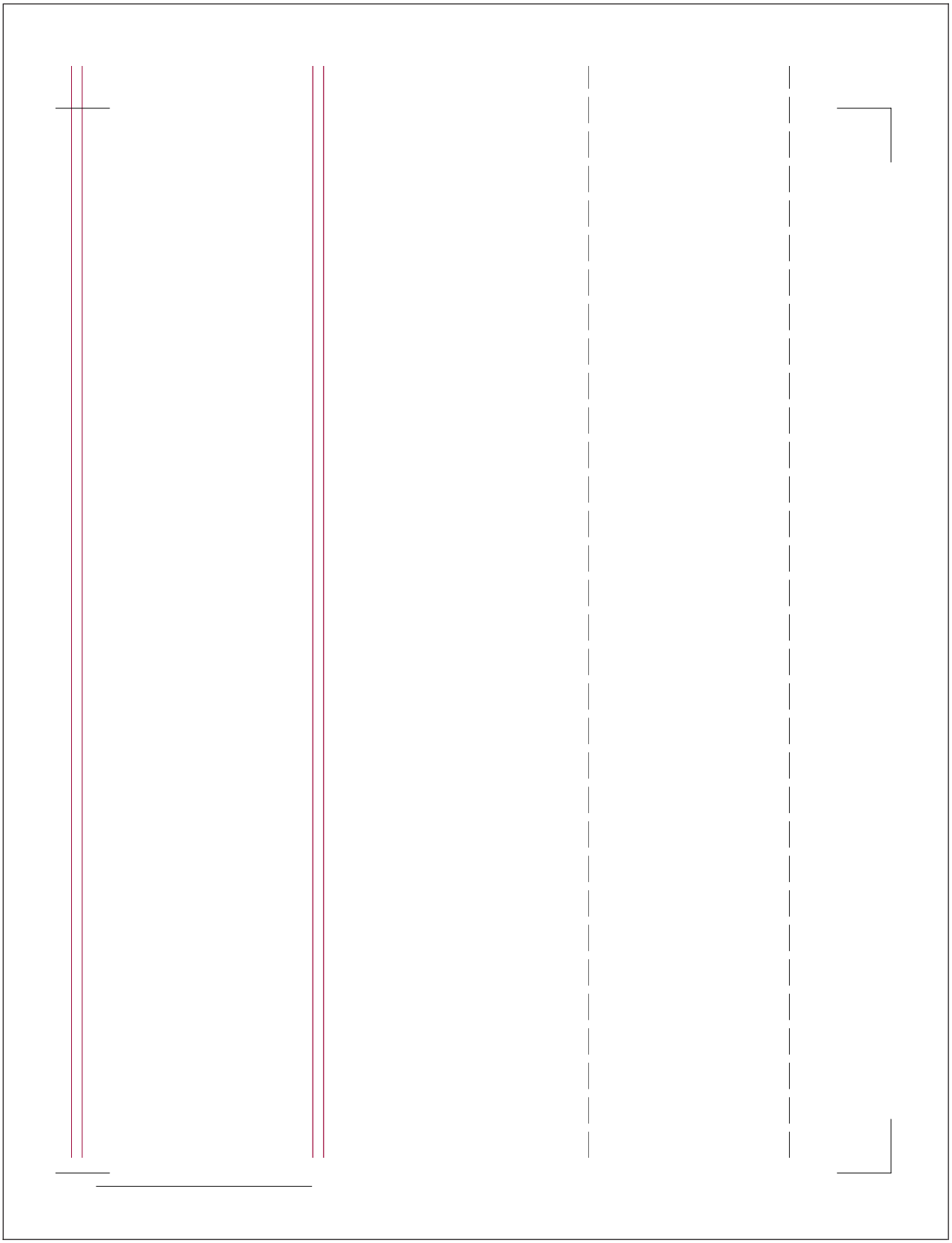

Figure 144. ProductOfferPriceUpdate sequence diagram, 11 of 26 (6,1)

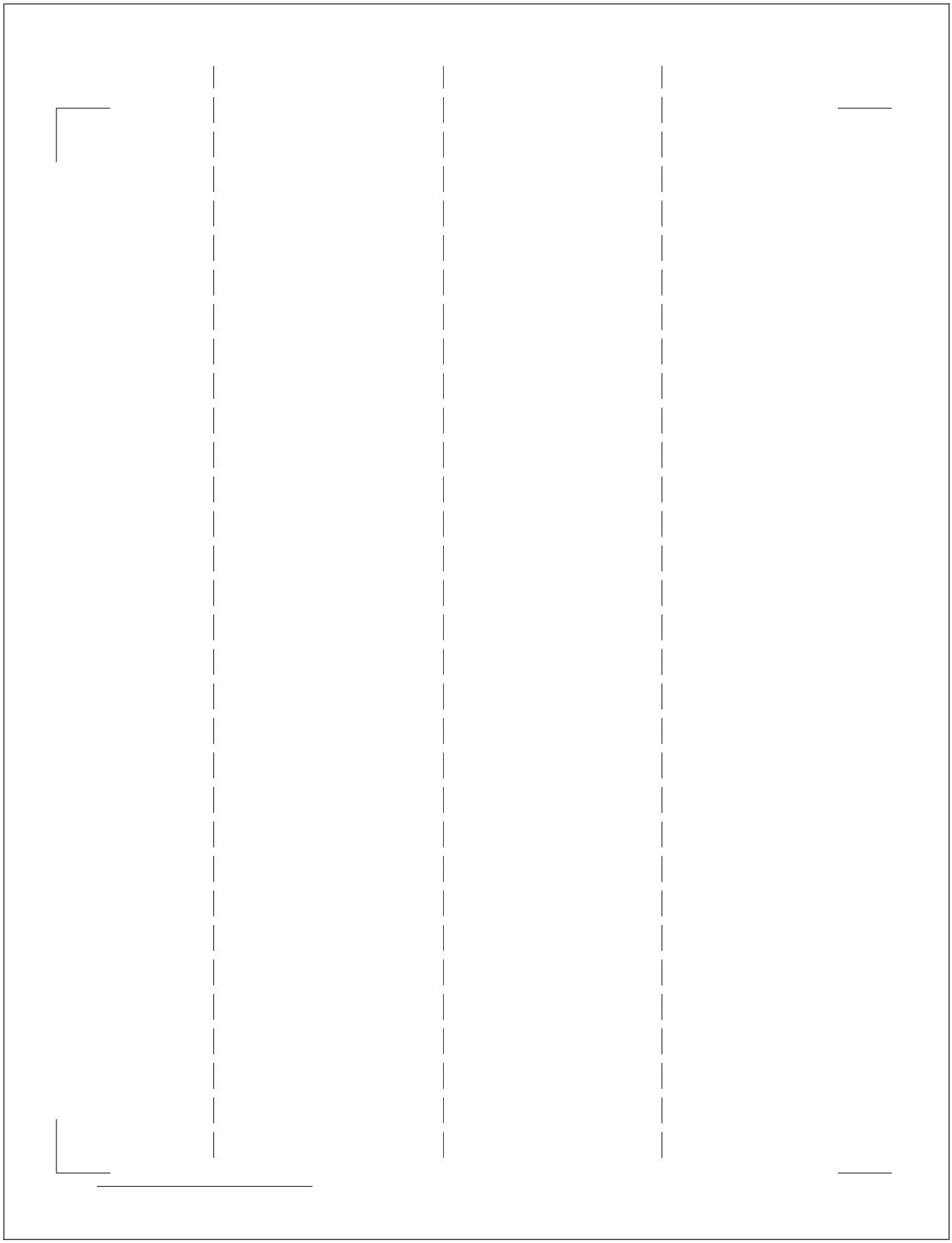

Figure 145. ProductOfferPriceUpdate sequence diagram, 12 of 26 (6,2)

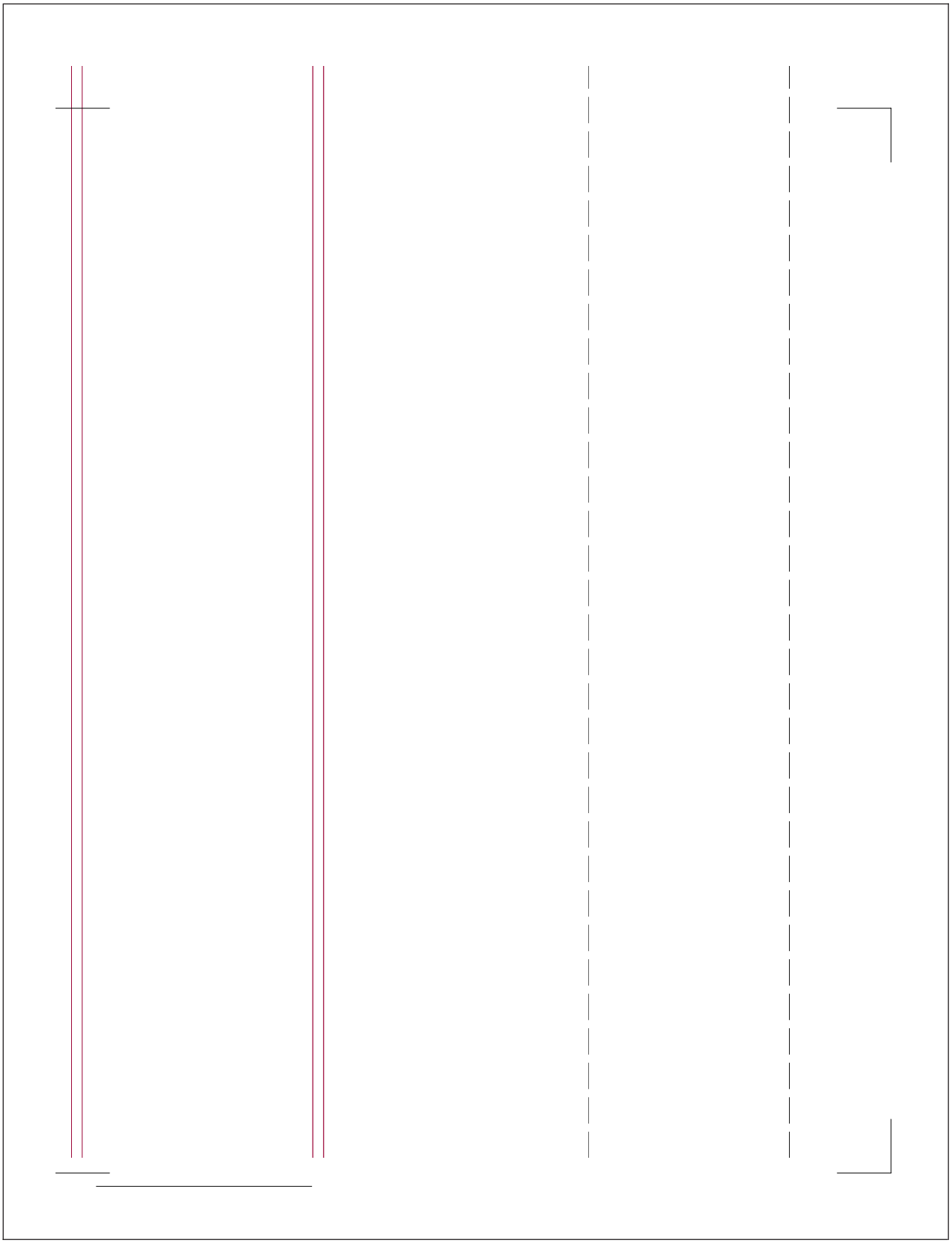

Figure 146. ProductOfferPriceUpdate sequence diagram, 13 of 26 (7,1)

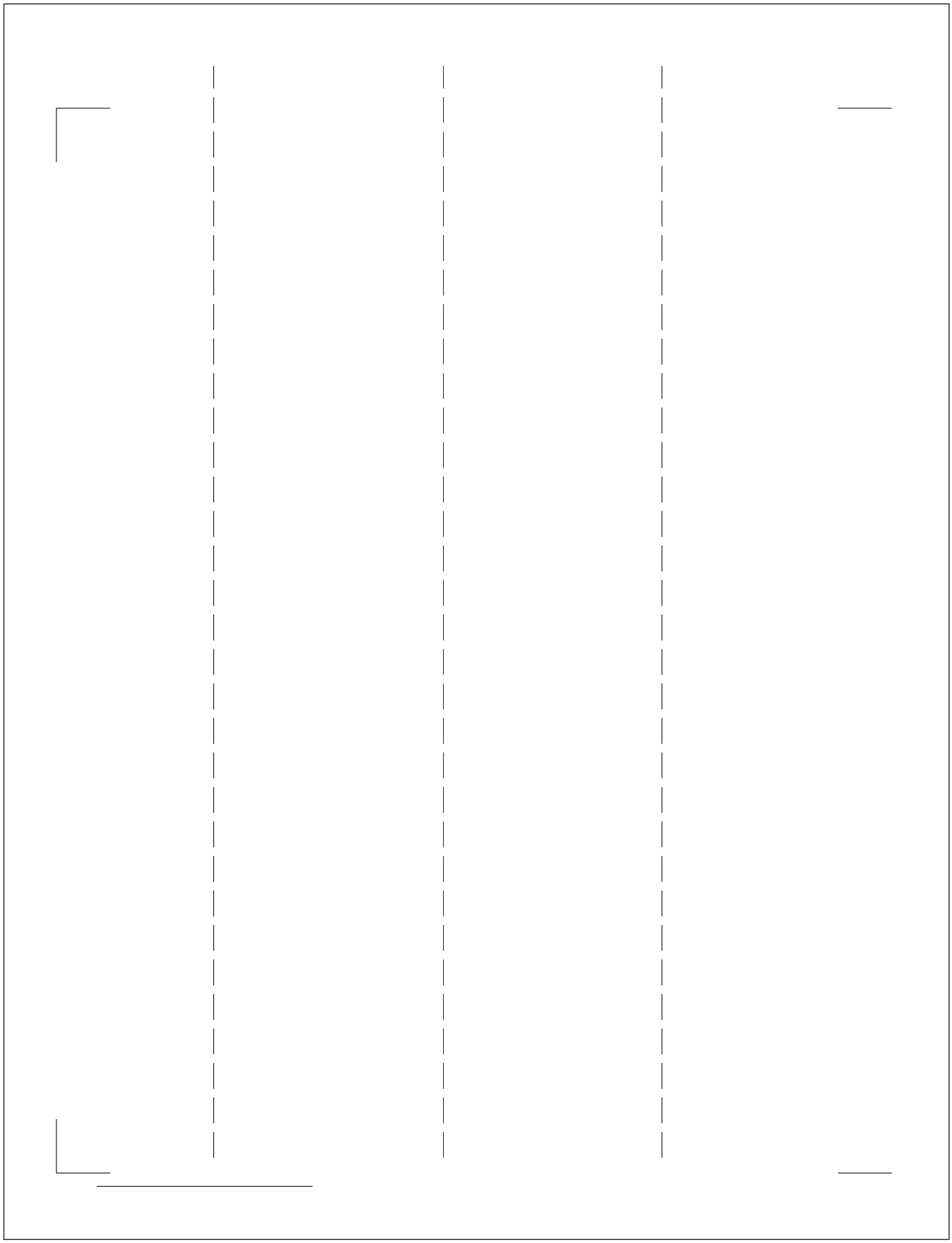

Figure 147. ProductOfferPriceUpdate sequence diagram, 14 of 26 (7,2)

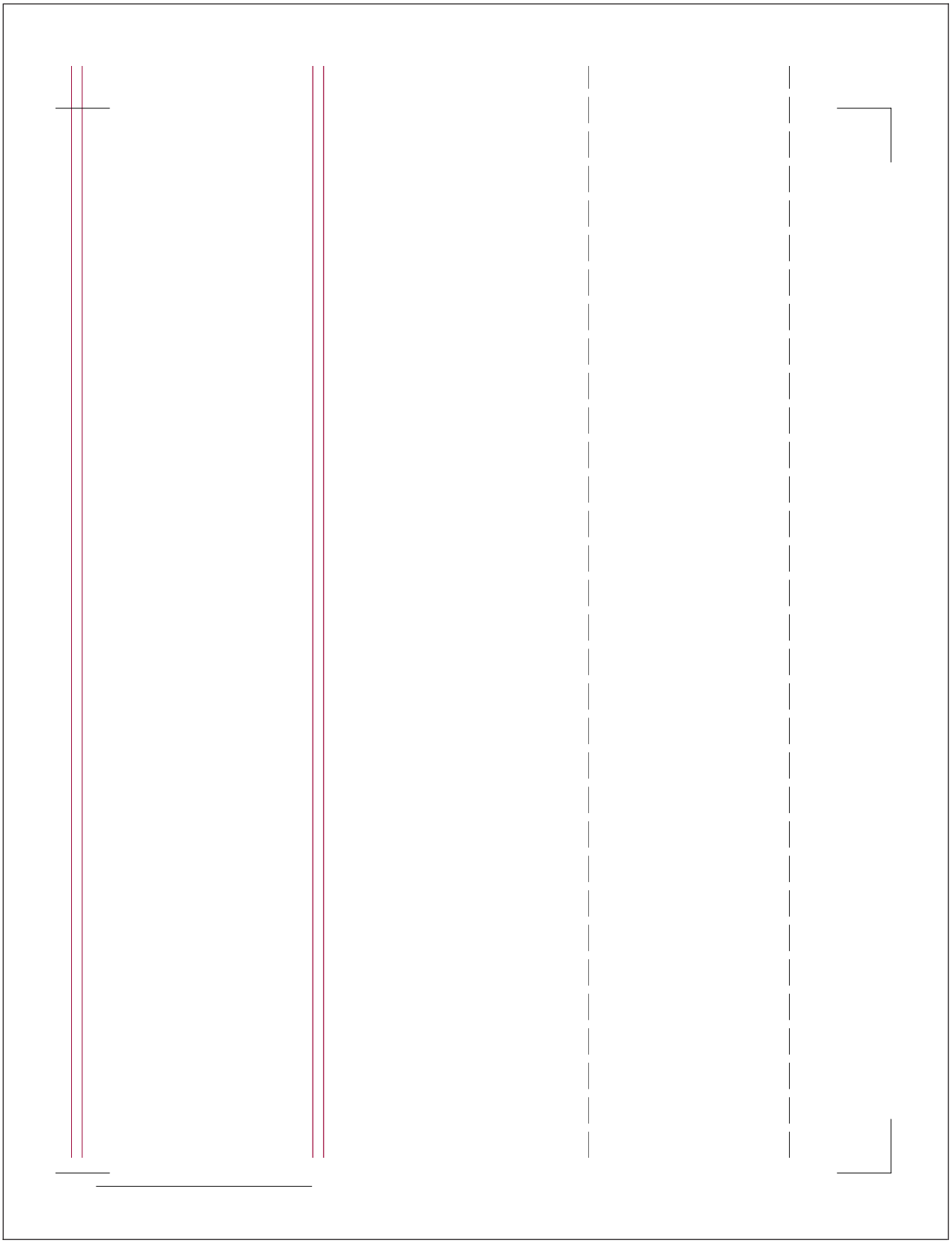

Figure 148. ProductOfferPriceUpdate sequence diagram, 15 of 26 (8,1)

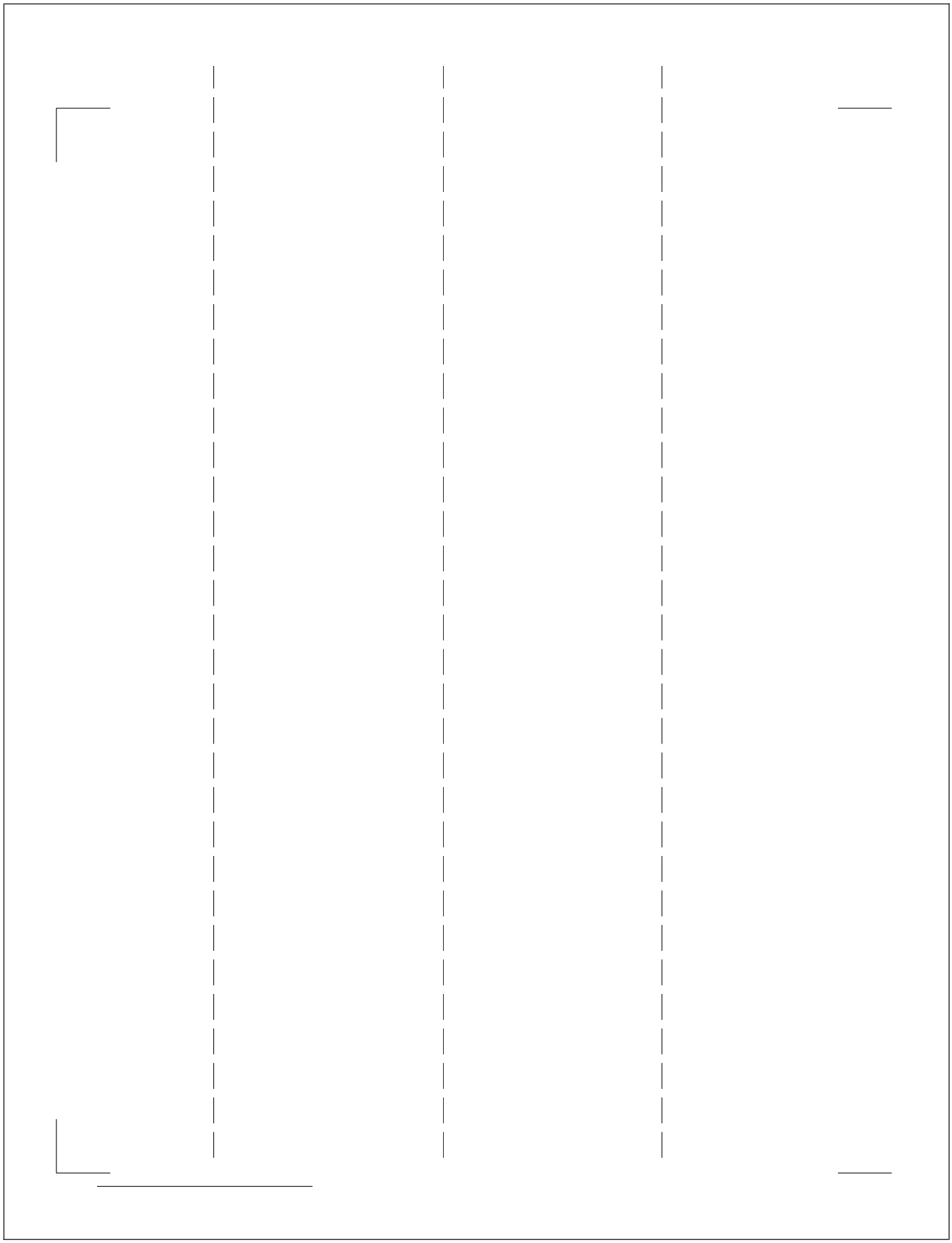

Figure 149. ProductOfferPriceUpdate sequence diagram, 16 of 26 (8,2)

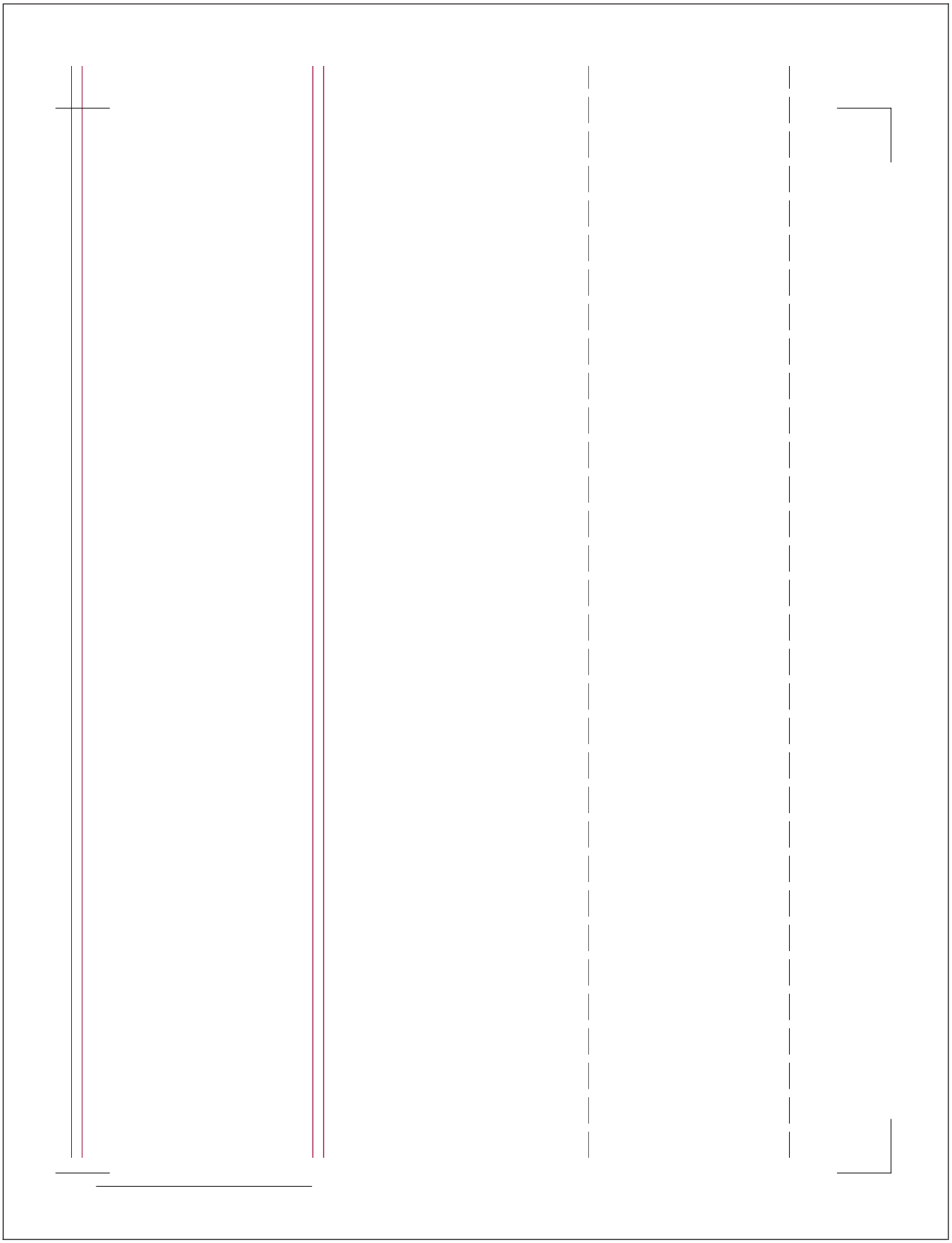

Figure 150. ProductOfferPriceUpdate sequence diagram, 17 of 26 (9,1)

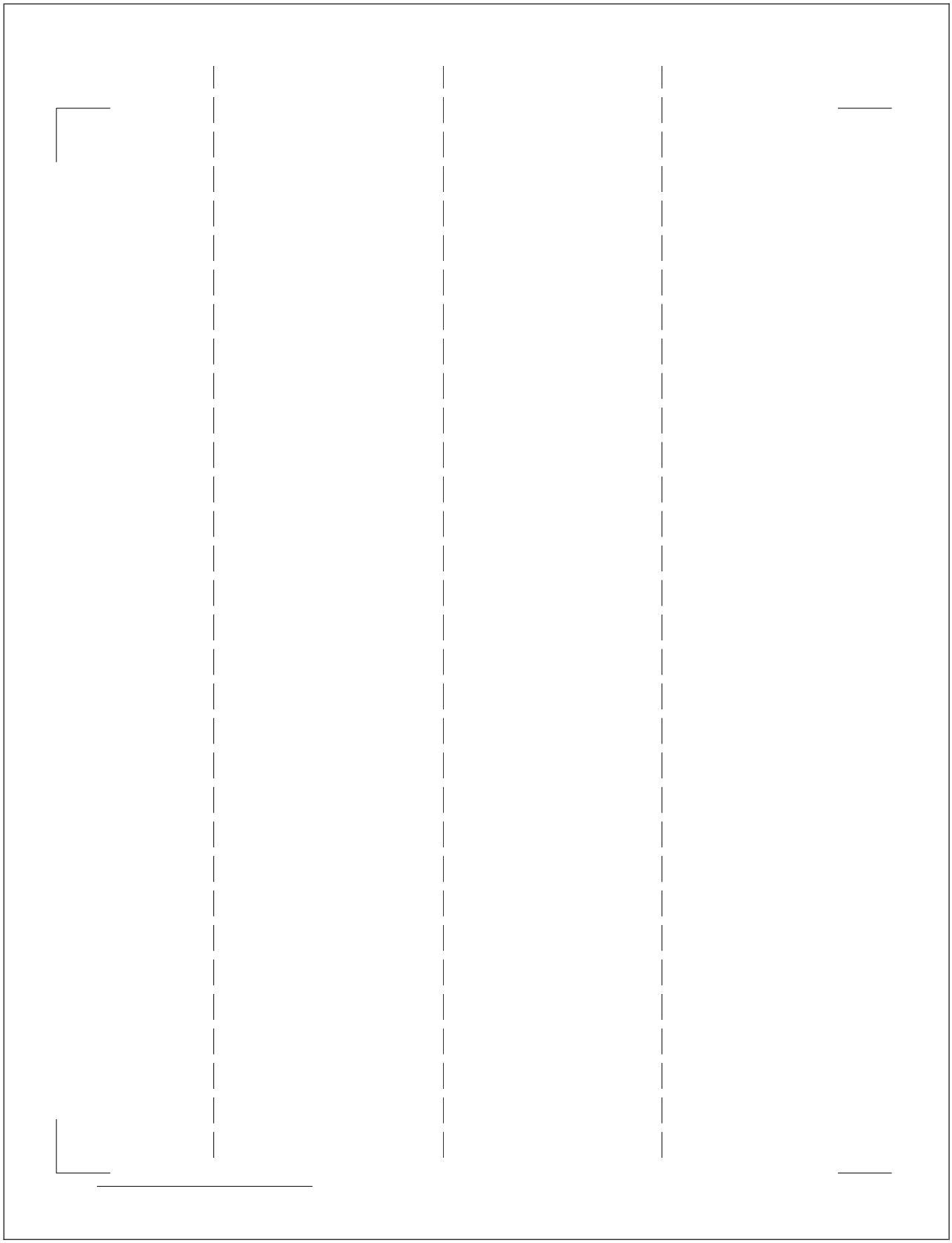

Figure 151. ProductOfferPriceUpdate sequence diagram, 18 of 26 (9,2)

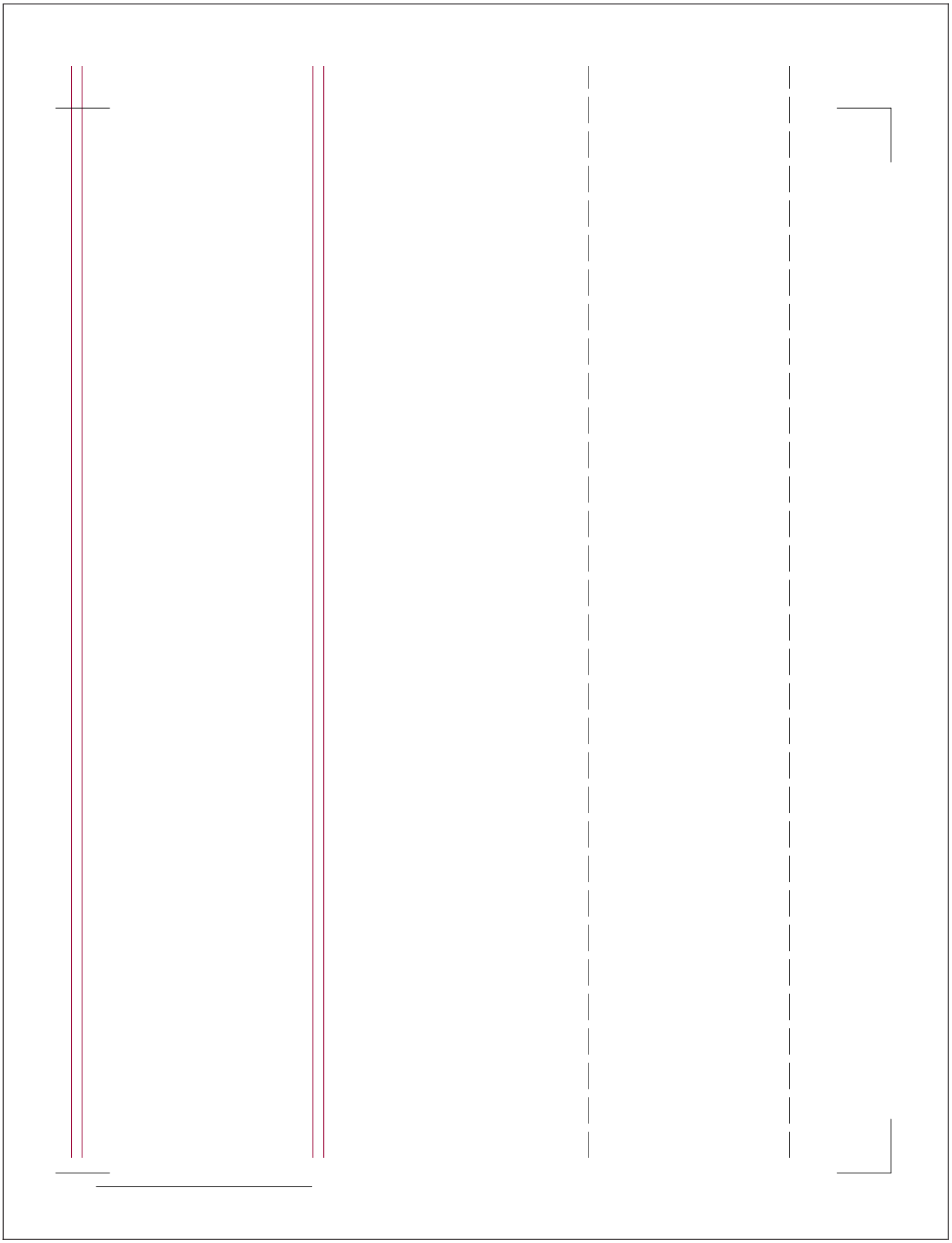

Figure 152. ProductOfferPriceUpdate sequence diagram, 17 of 26 (9,1)

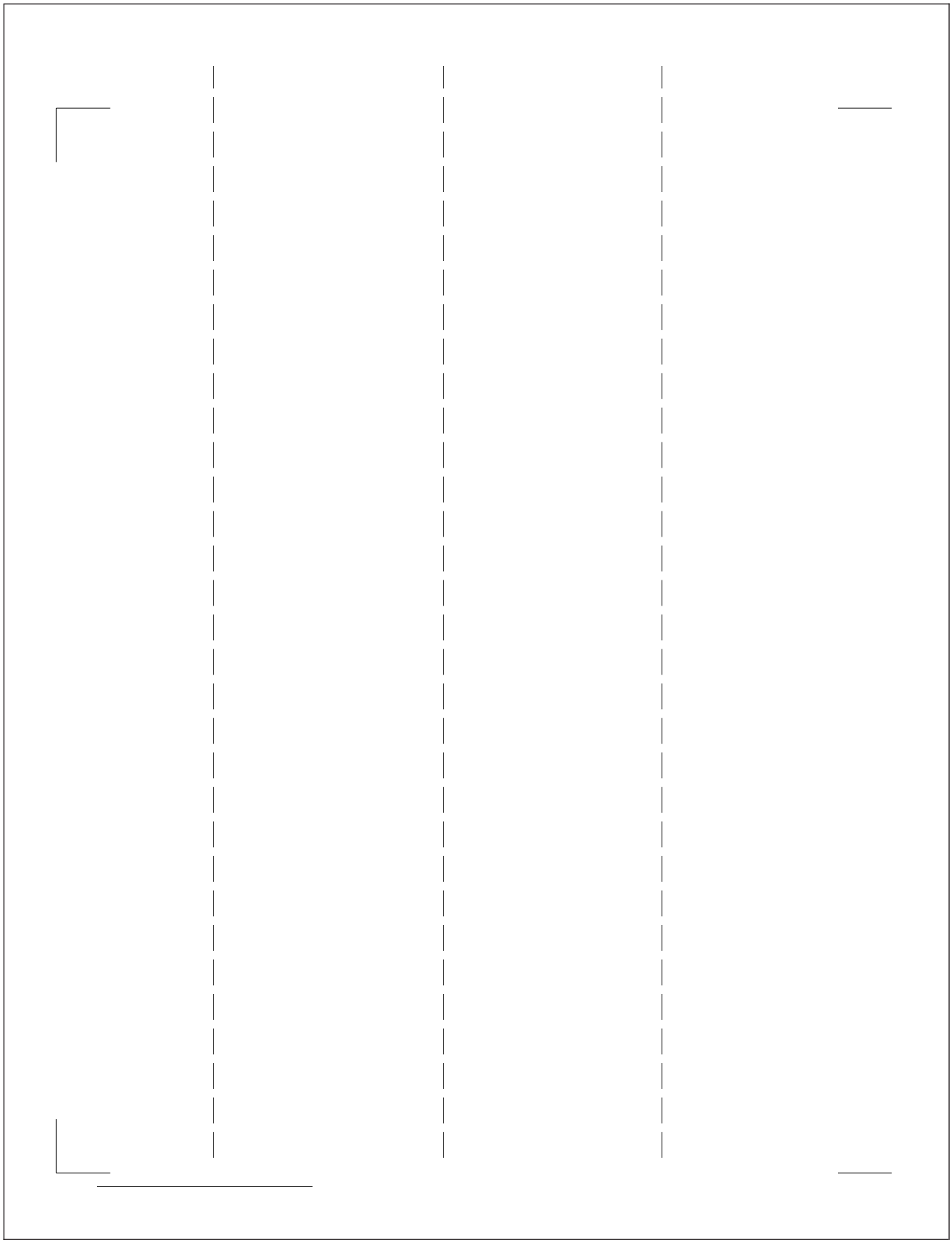

Figure 153. ProductOfferPriceUpdate sequence diagram, 18 of 26 (9,2)

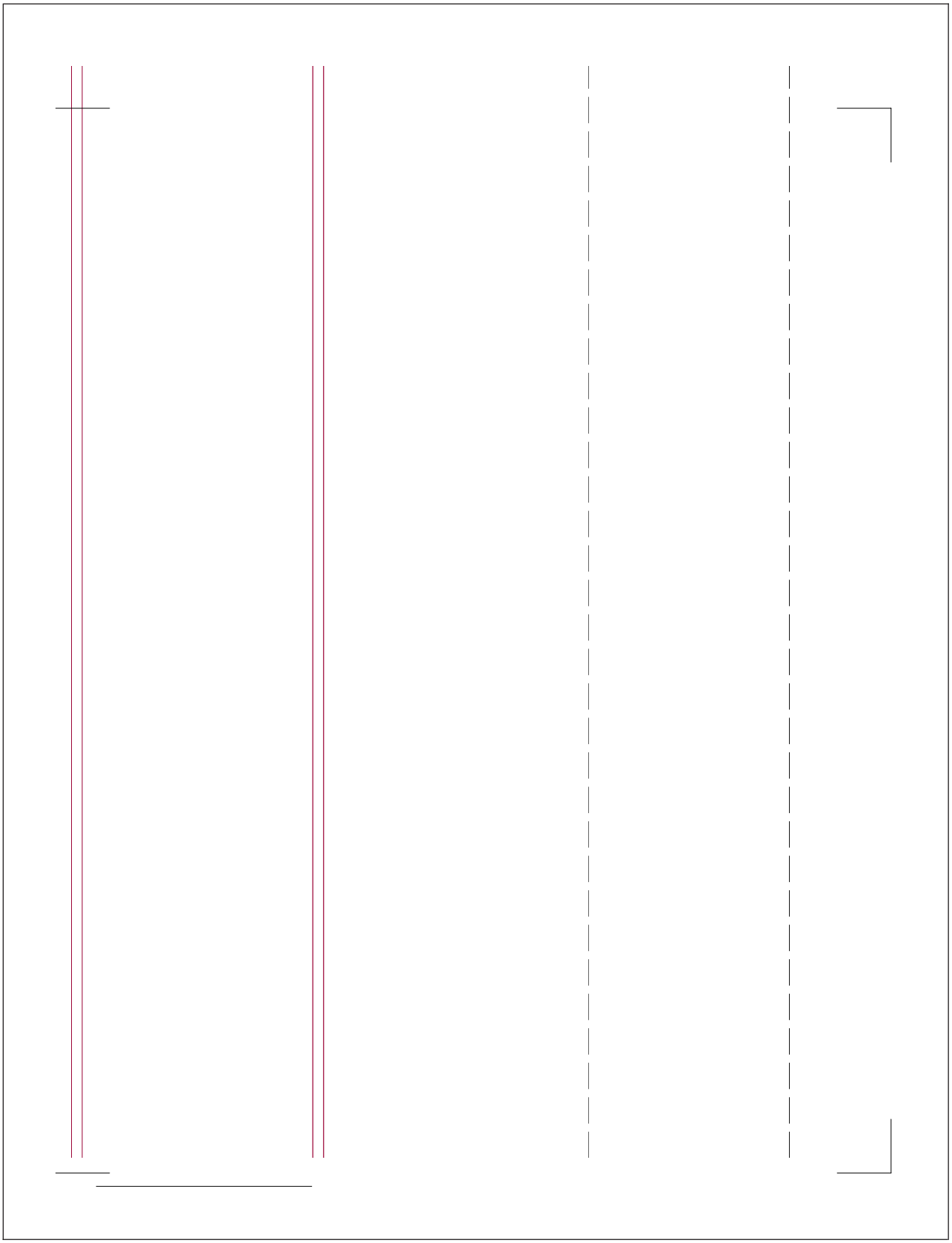

Figure 154. ProductOfferPriceUpdate sequence diagram, 19 of 26 (10,1)

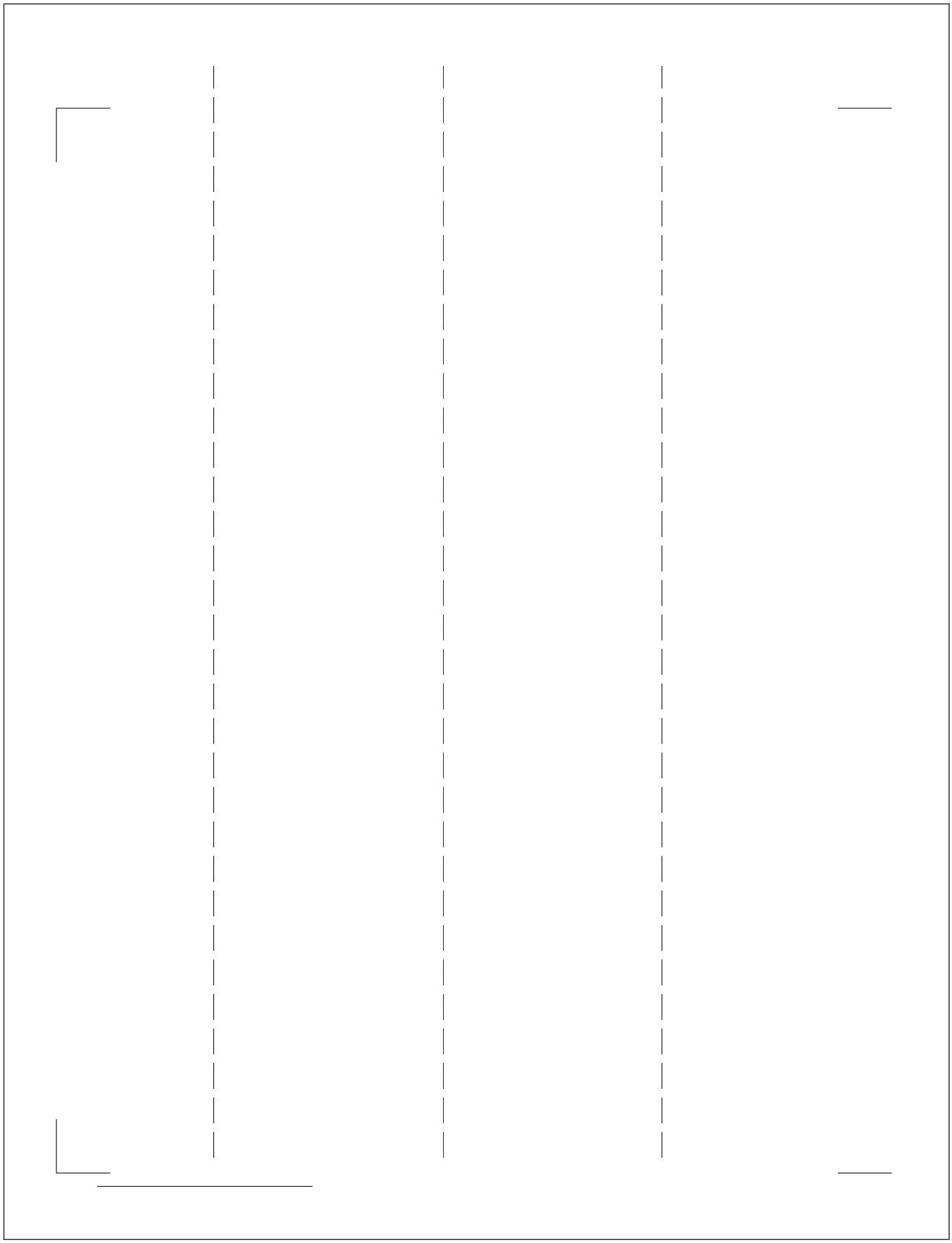

Figure 155. ProductOfferPriceUpdate sequence diagram, 20 of 26 (10,2)

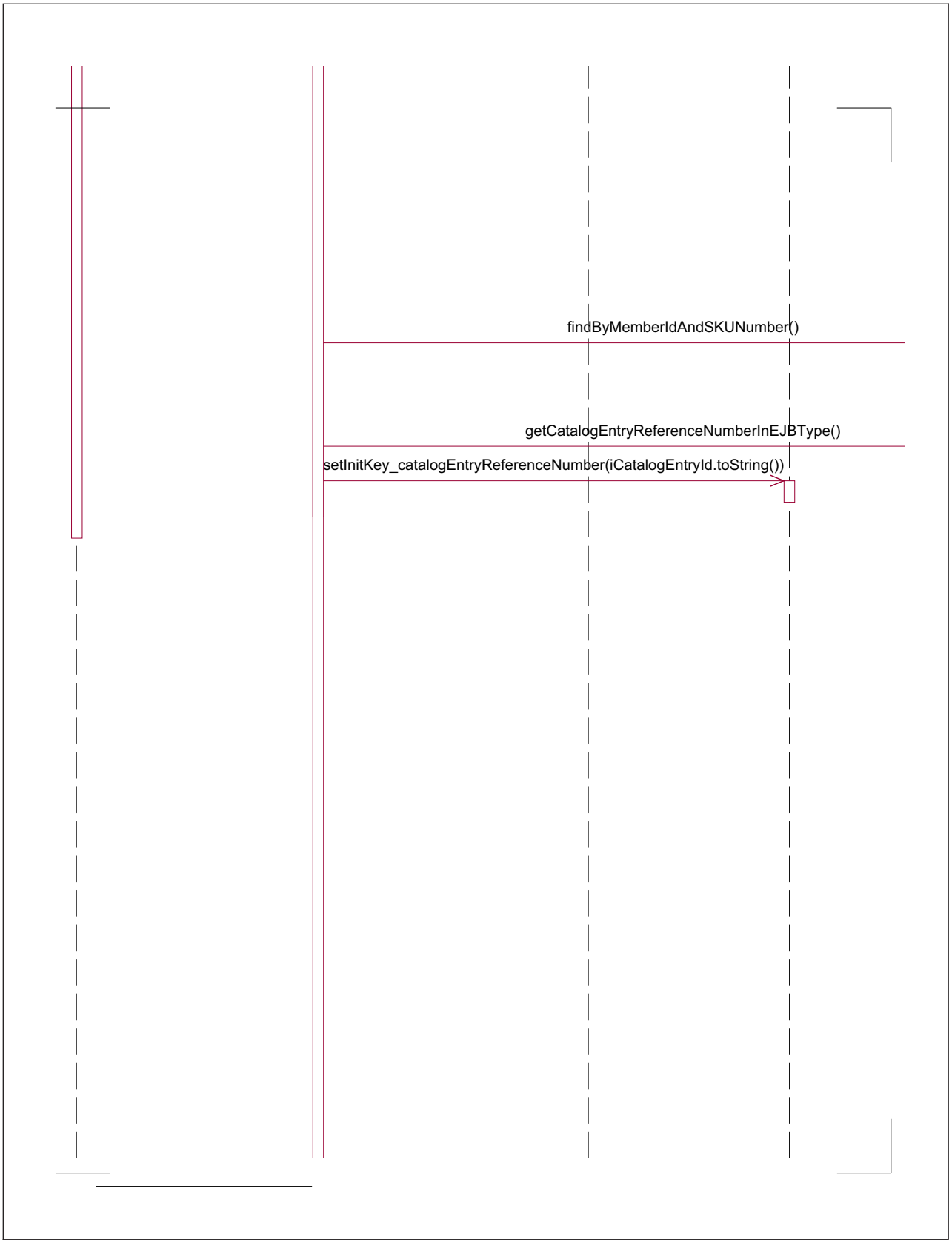

Figure 156. ProductOfferPriceUpdate sequence diagram, 21 of 26 (11,1)

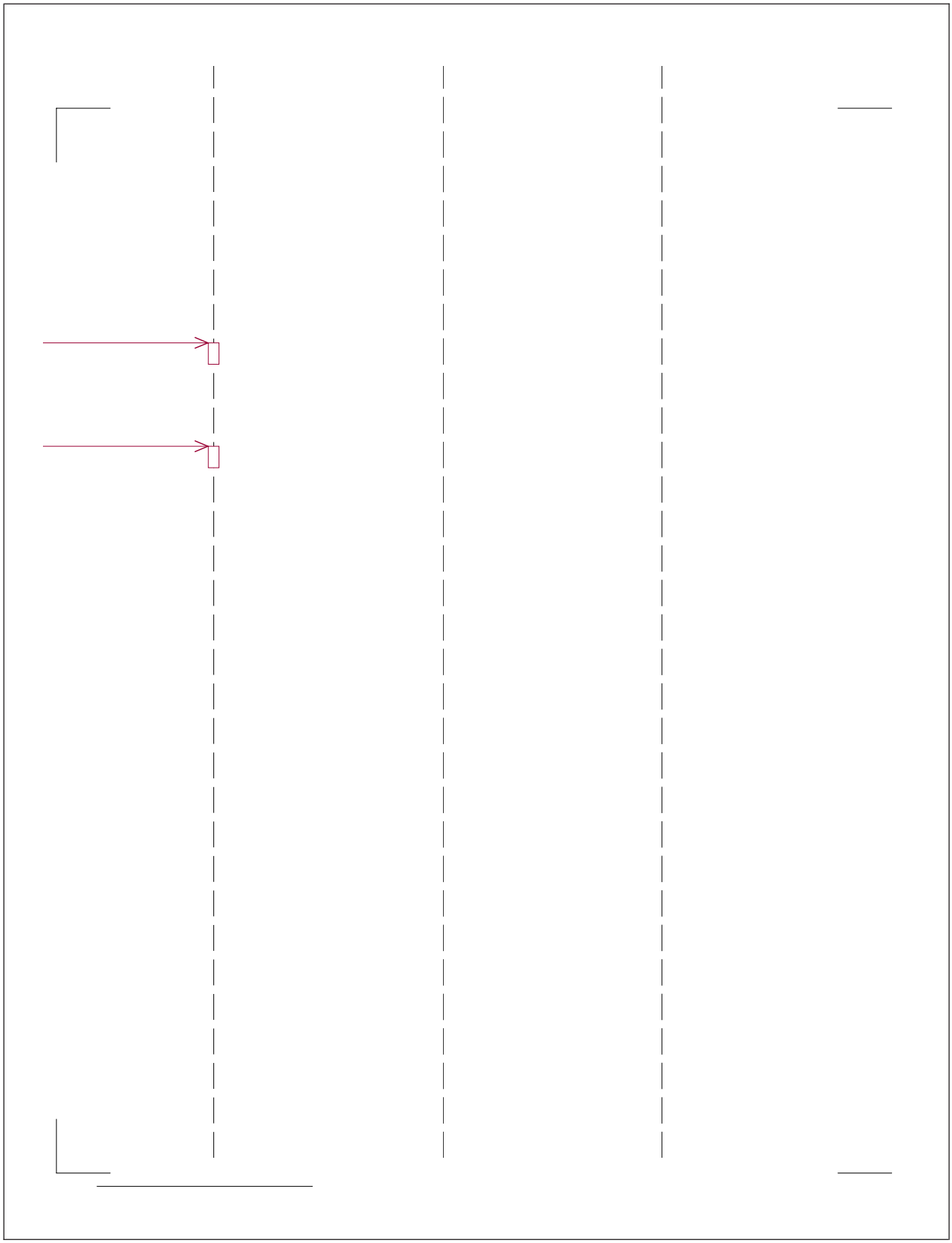

Figure 157. ProductOfferPriceUpdate sequence diagram, 22 of 26 (11,2)

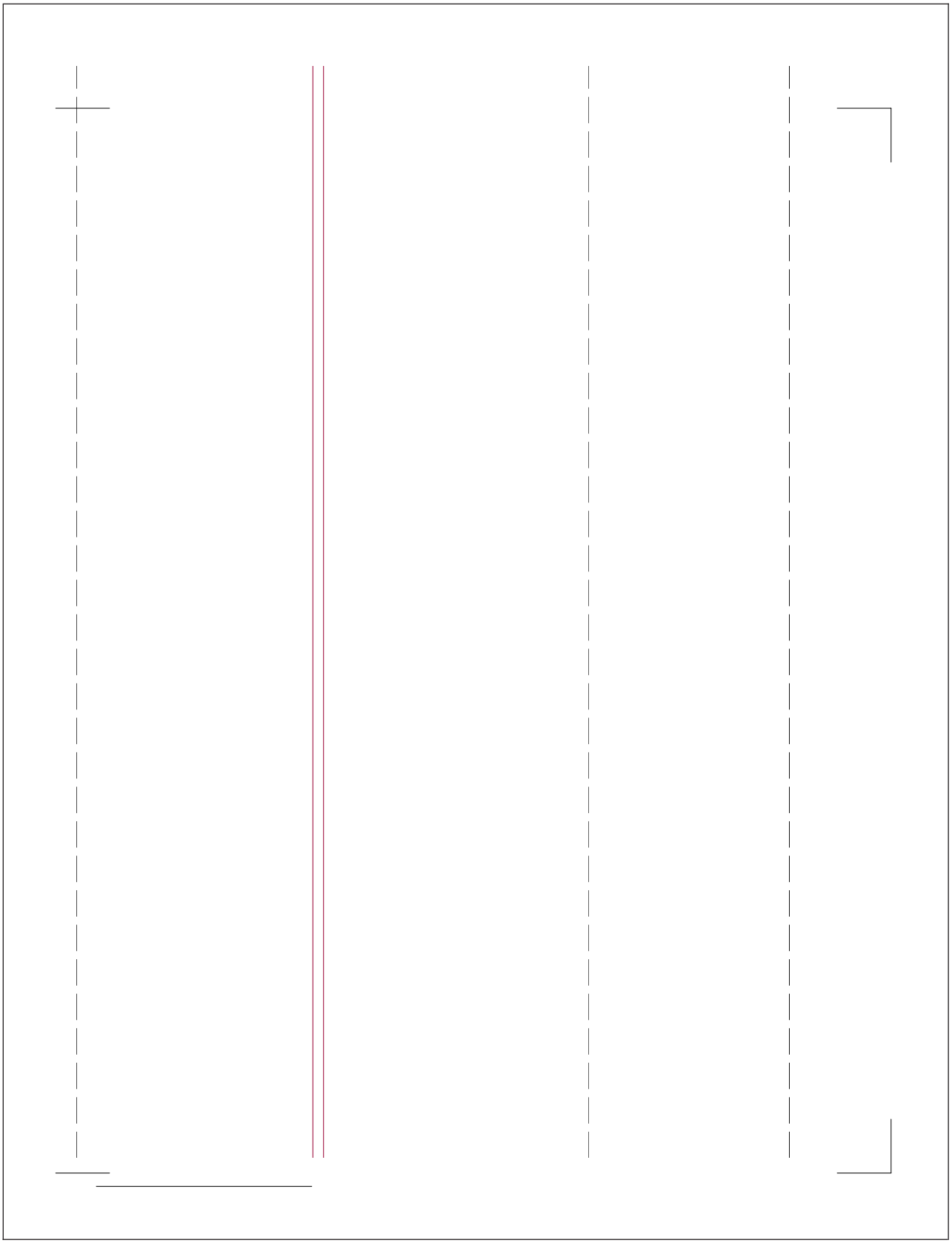

Figure 158. ProductOfferPriceUpdate sequence diagram, 23 of 26 (12,1)

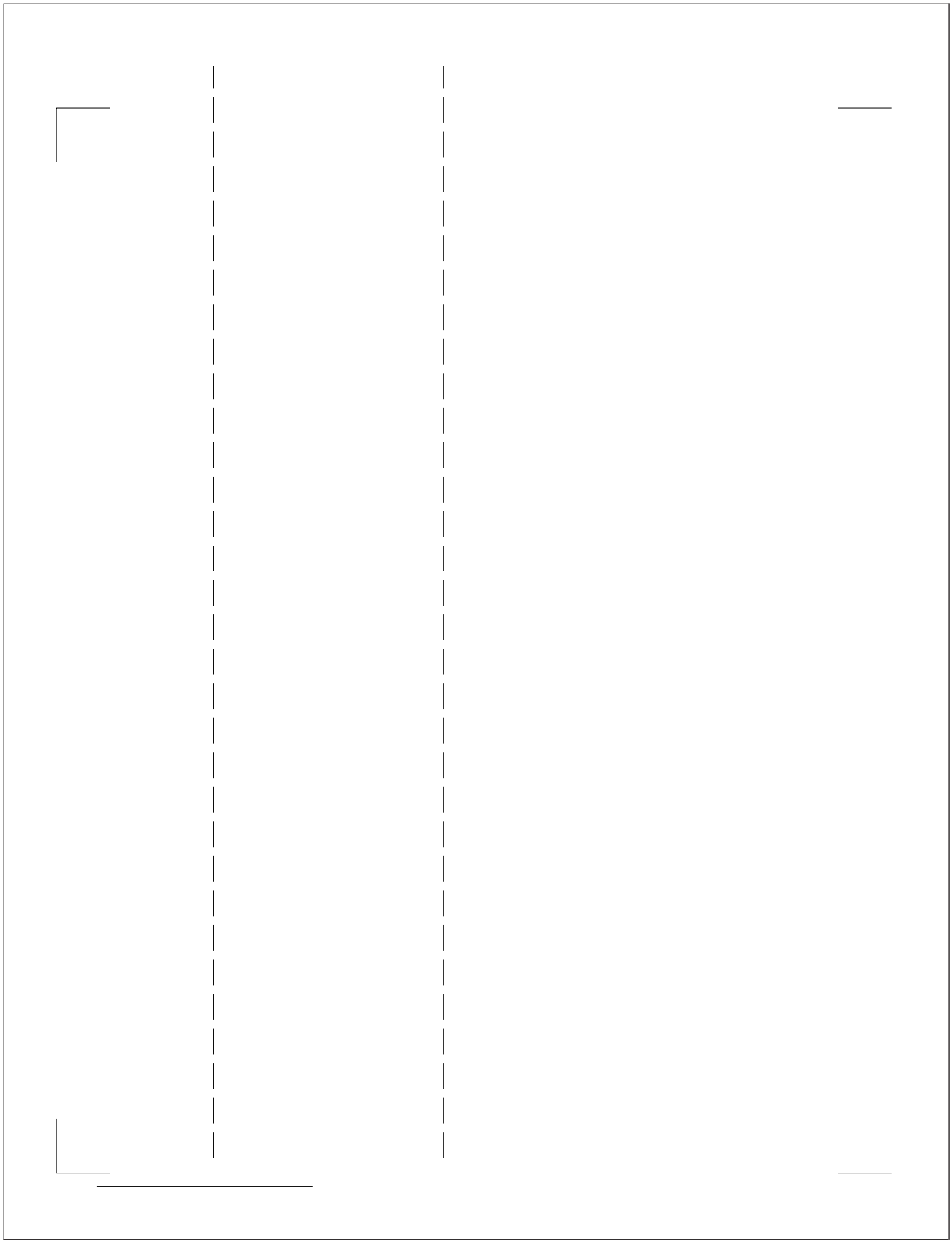

Figure 159. ProductOfferPriceUpdate sequence diagram, 24 of 26 (12,2)

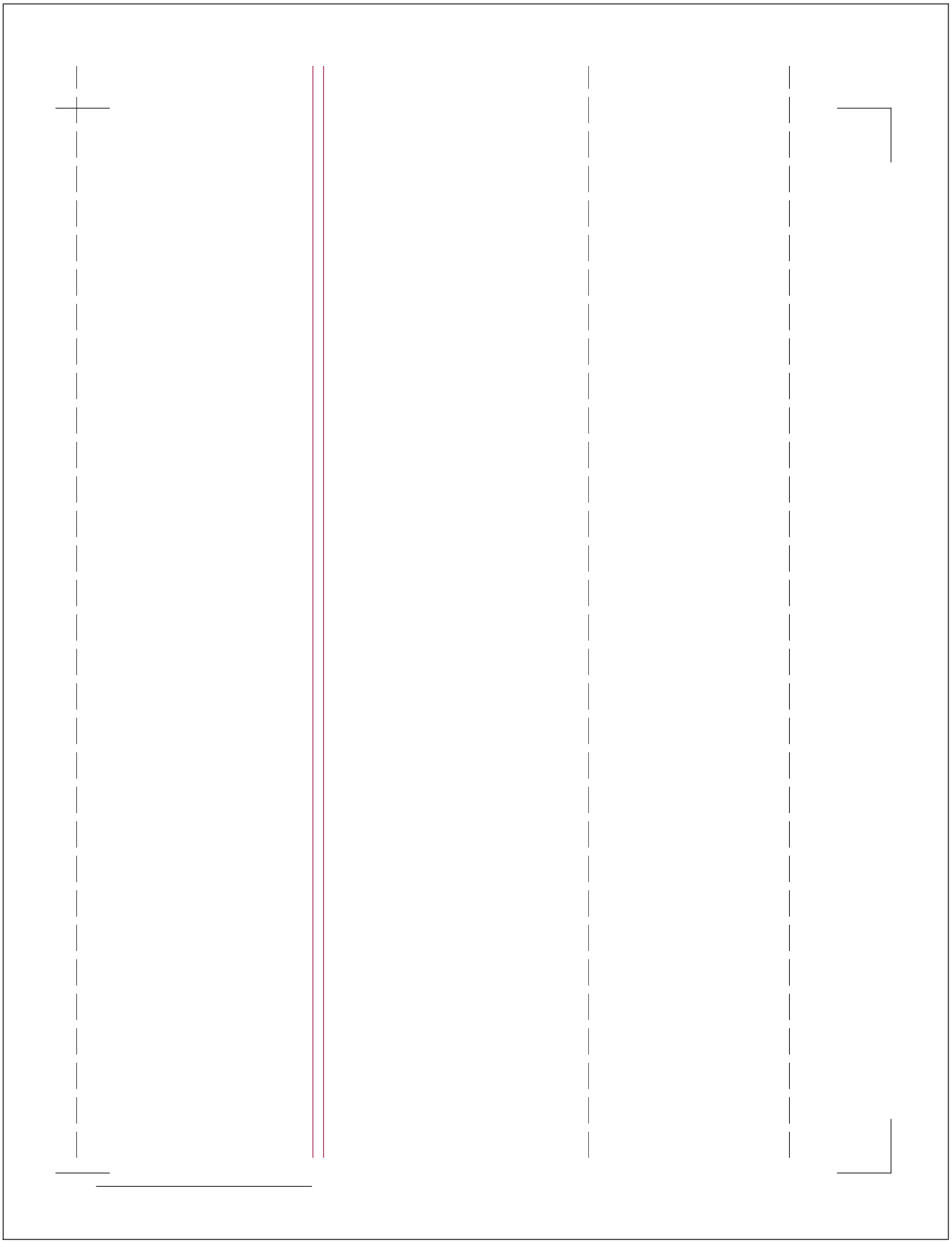

Figure 160. ProductOfferPriceUpdate sequence diagram, 23 of 26 (12,1)

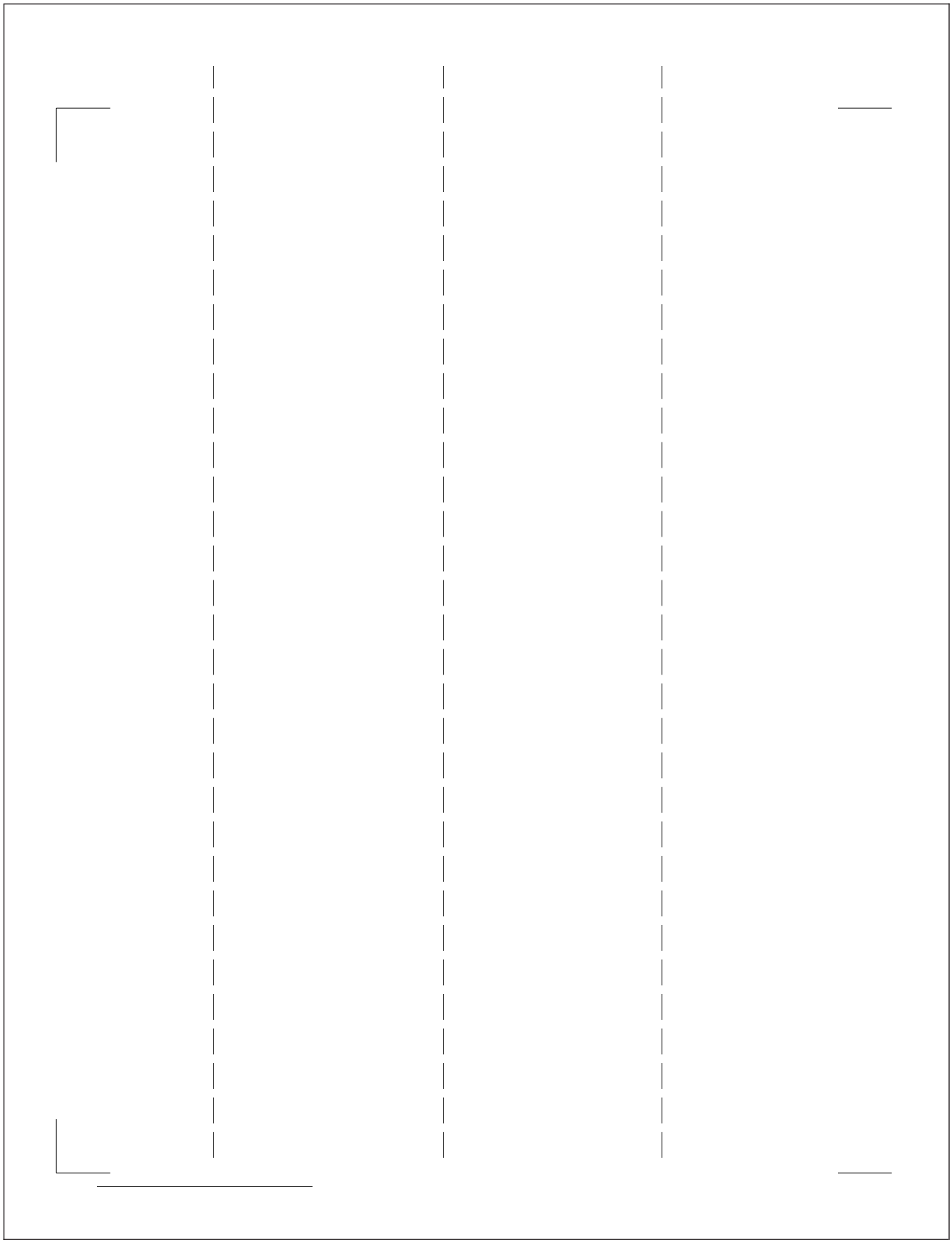

Figure 161. ProductOfferPriceUpdate sequence diagram, 24 of 26 (12,2)

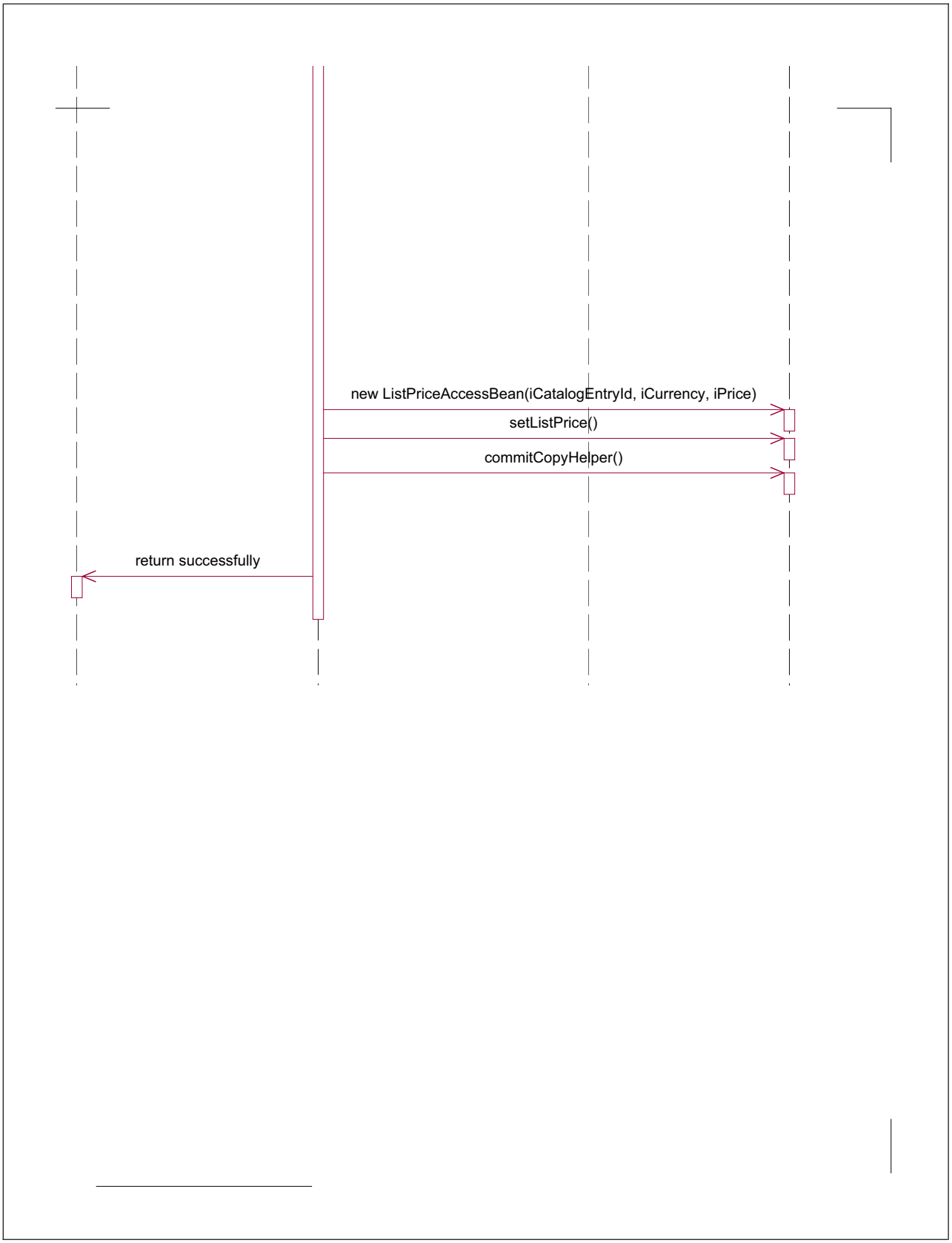

Figure 162. ProductOfferPriceUpdate sequence diagram, 25 of 26 (13,1)

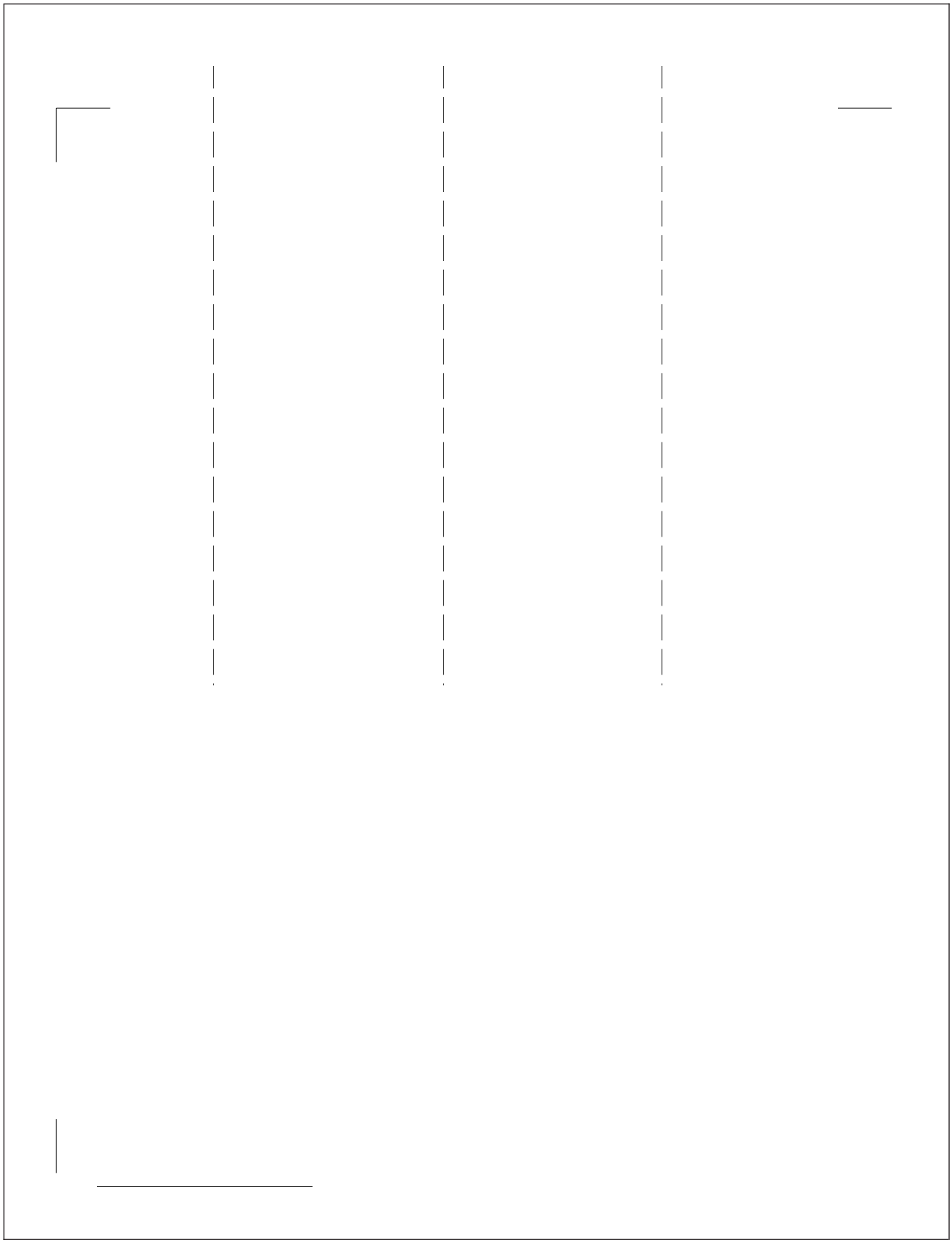

Figure 163. ProductOfferPriceUpdate sequence diagram, 26 of 26 (13,2)

ReleaseShipNotify sequence diagram

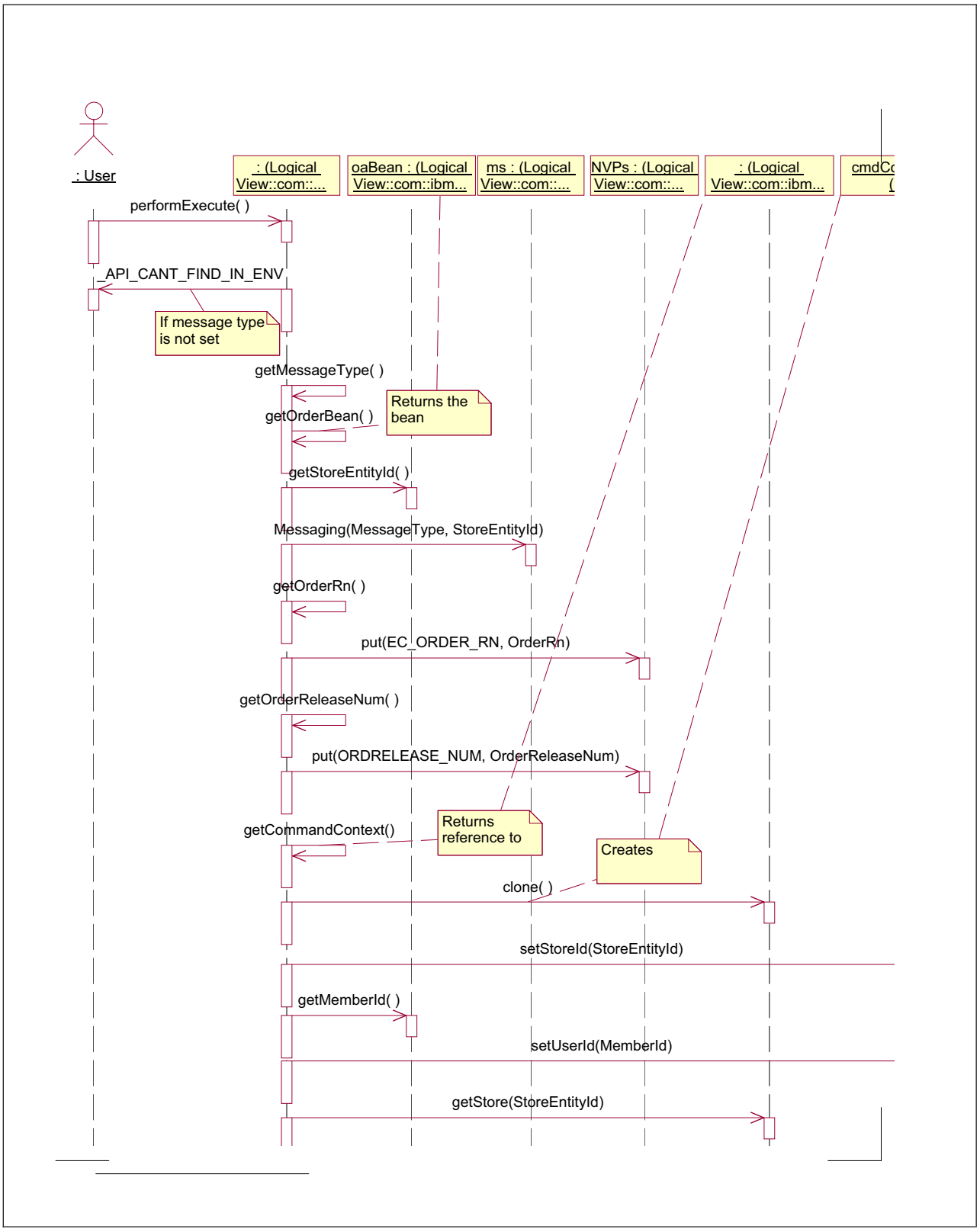

Figure 164. ReleaseShipNotify sequence diagram, 1 of 6 (1,1)

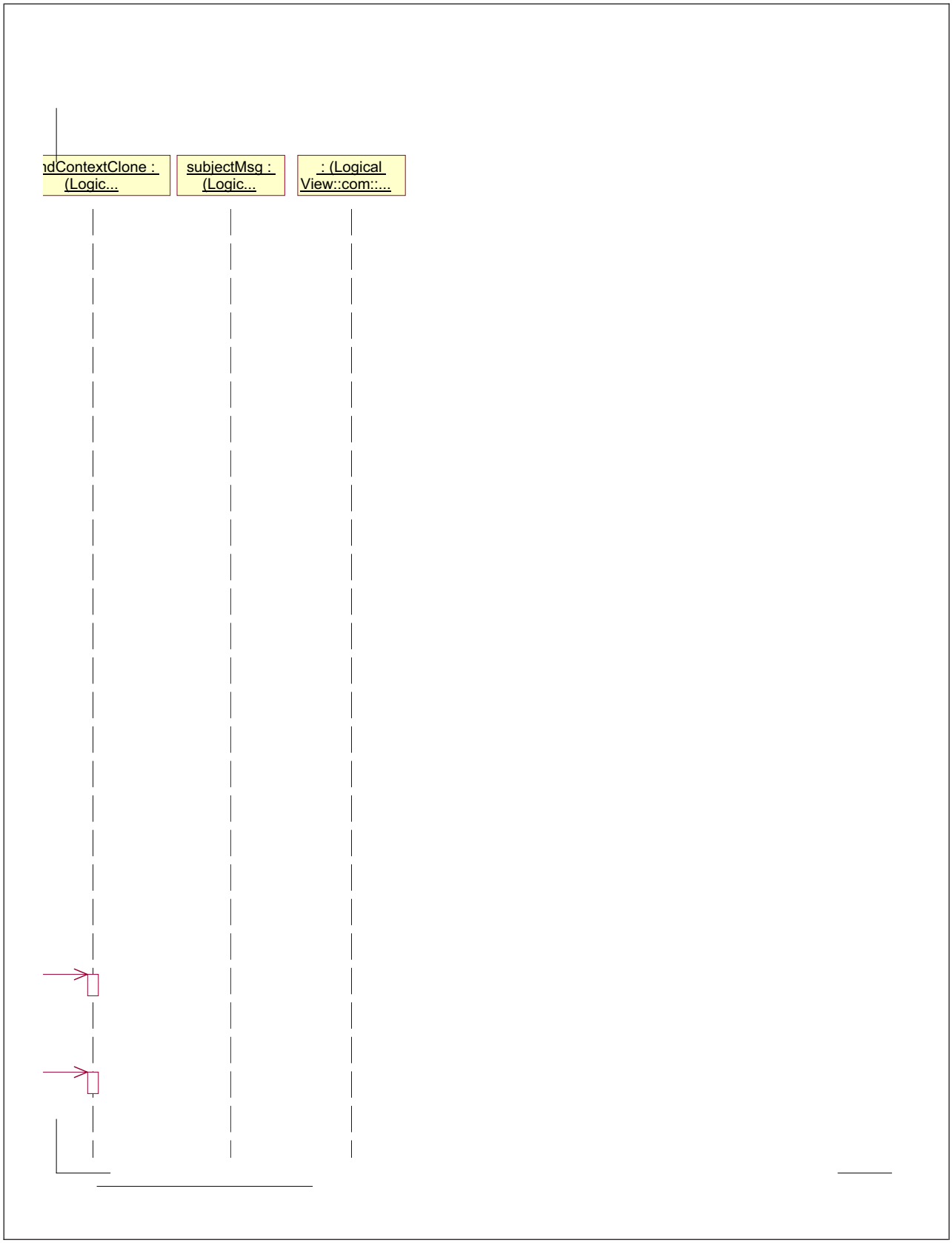

Figure 165. ReleaseShipNotify sequence diagram, 2 of 6 (1,2)

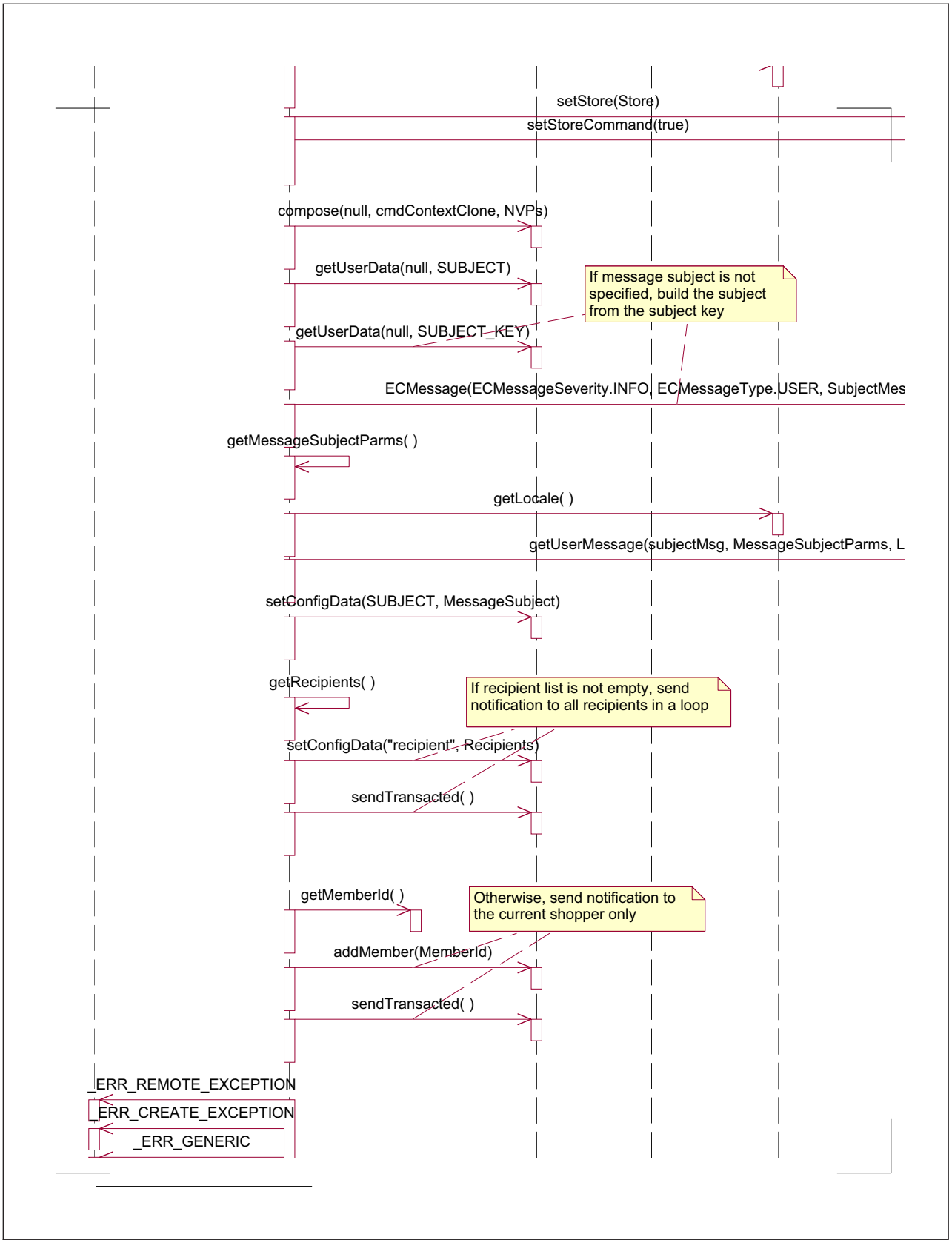

Figure 166. ReleaseShipNotify sequence diagram, 3 of 6 (2,1)

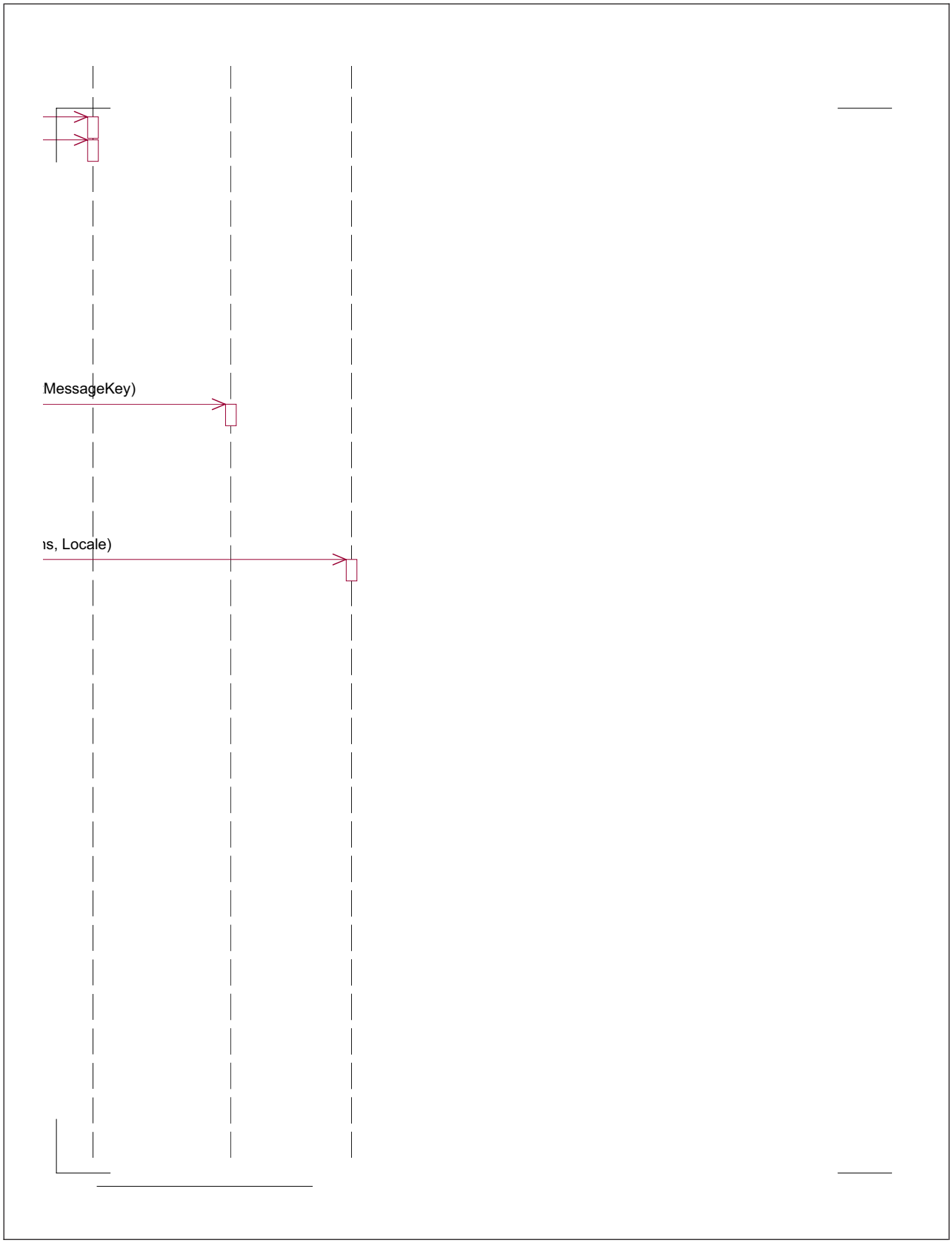

Figure 167. ReleaseShipNotify sequence diagram, 4 of 6 (2,2)

Figure 168. ReleaseShipNotify sequence diagram, 5 of 6 (3,1)

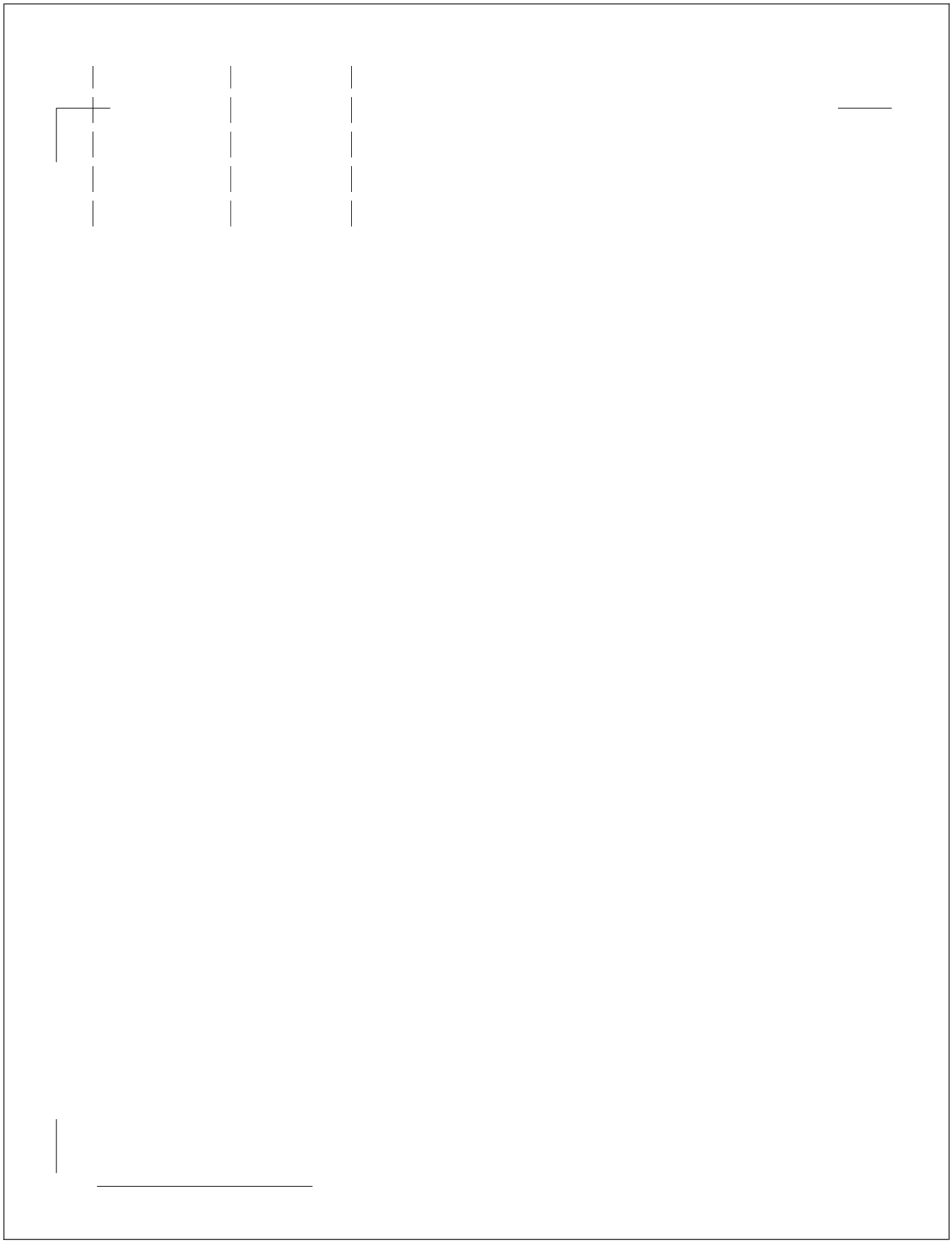

Figure 169. ReleaseShipNotify sequence diagram, 6 of 6 (3,2)

ResolvePriceLists sequence diagram

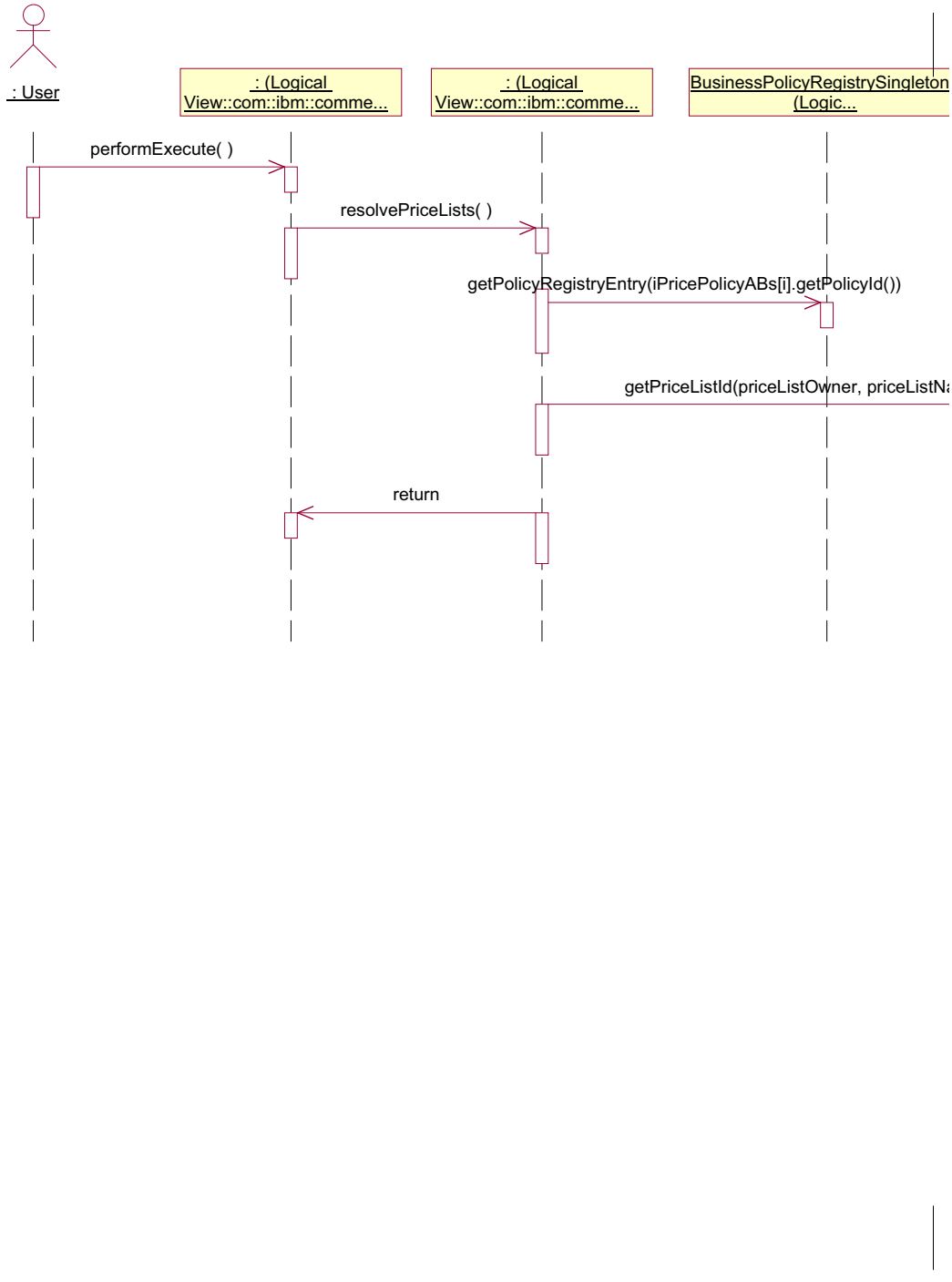

Figure 170. ResolvePriceLists sequence diagram, 1 of 2 (1,1)

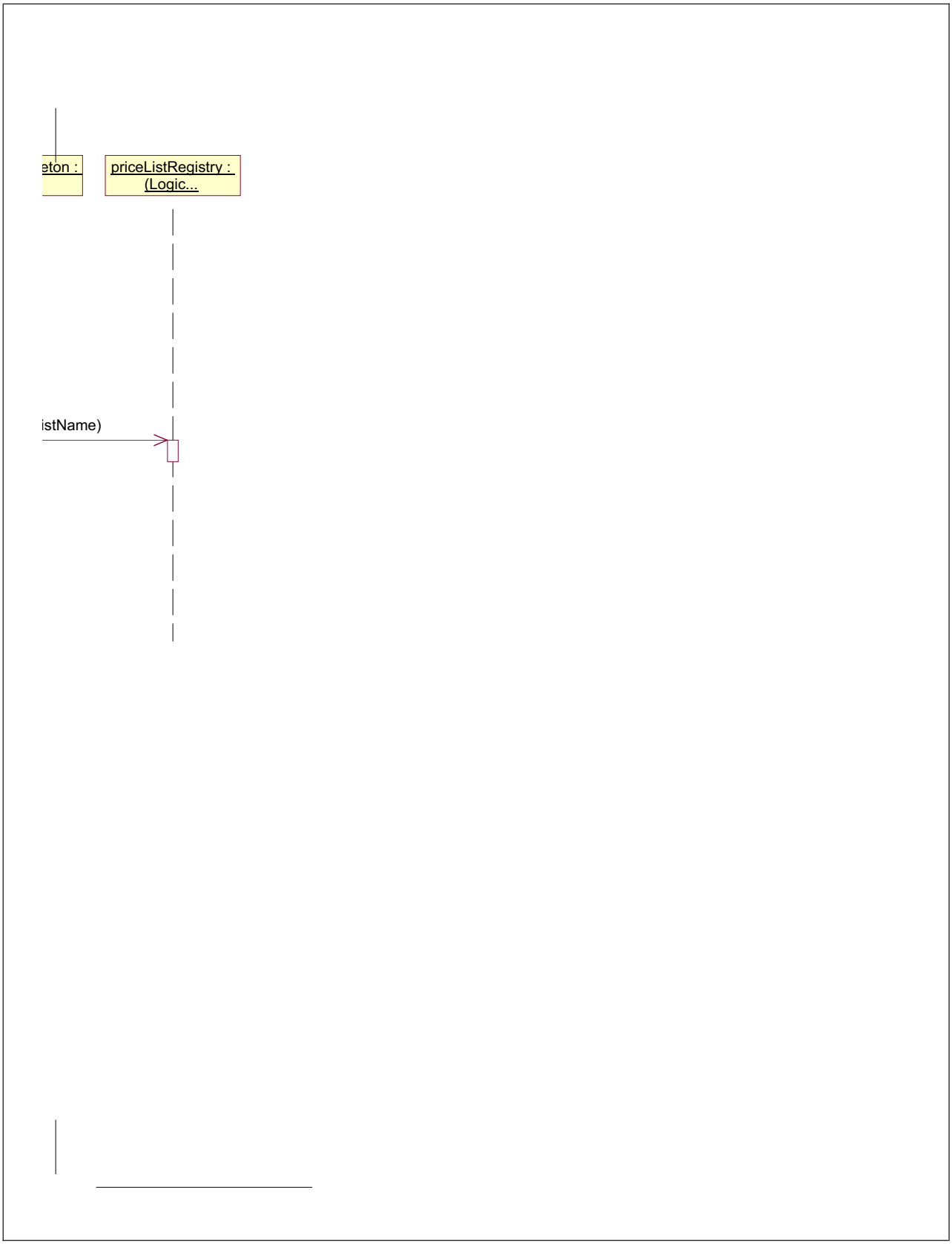

Figure 171. ResolvePriceLists sequence diagram, 2 of 2 (1,2)

ResolveSKU sequence diagram

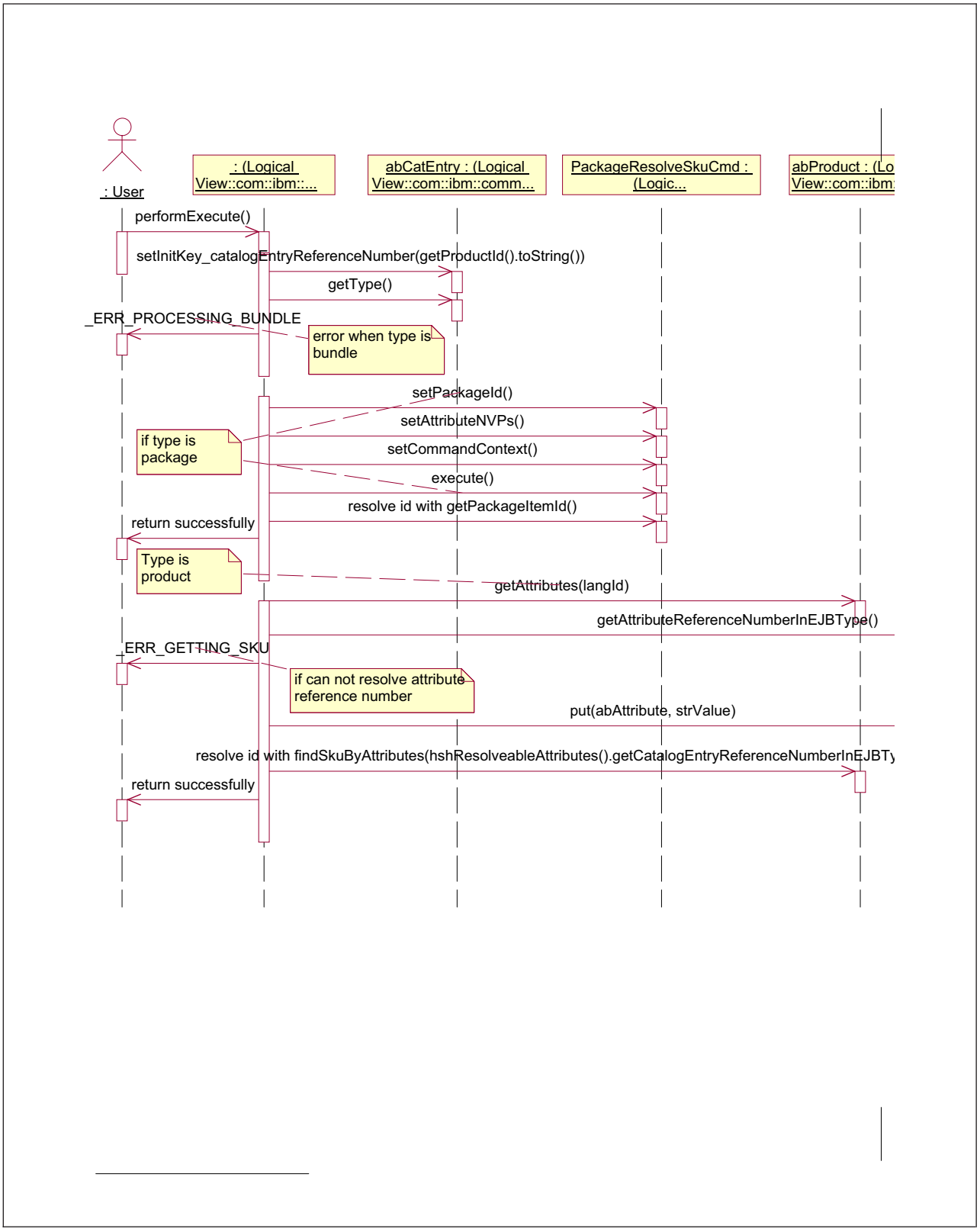

Figure 172. ResolveSKU sequence diagram, 1 of 2 (1,1)

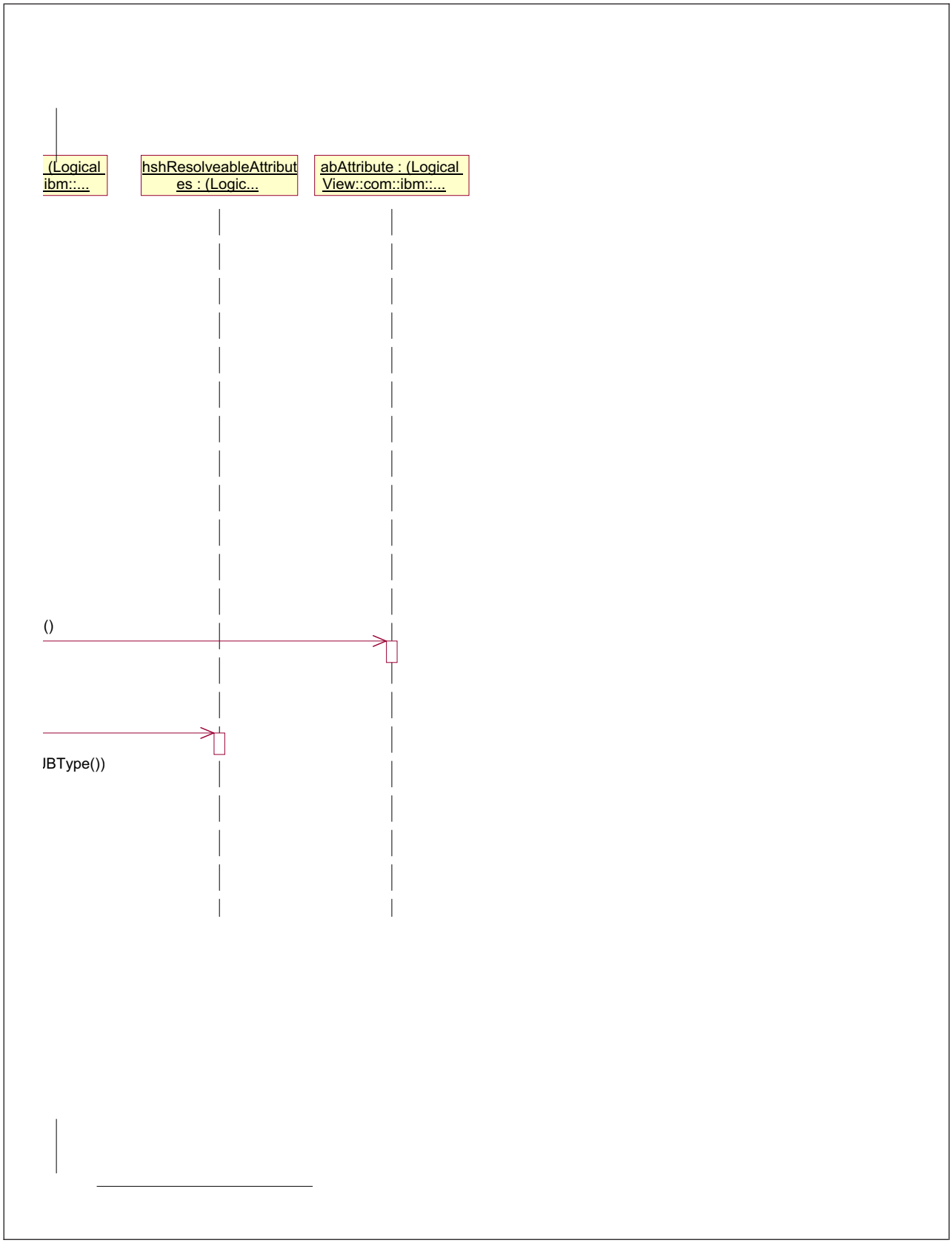

Figure 173. ResolveSKU sequence diagram, 2 of 2 (1,2)

RetrievePrices sequence diagram

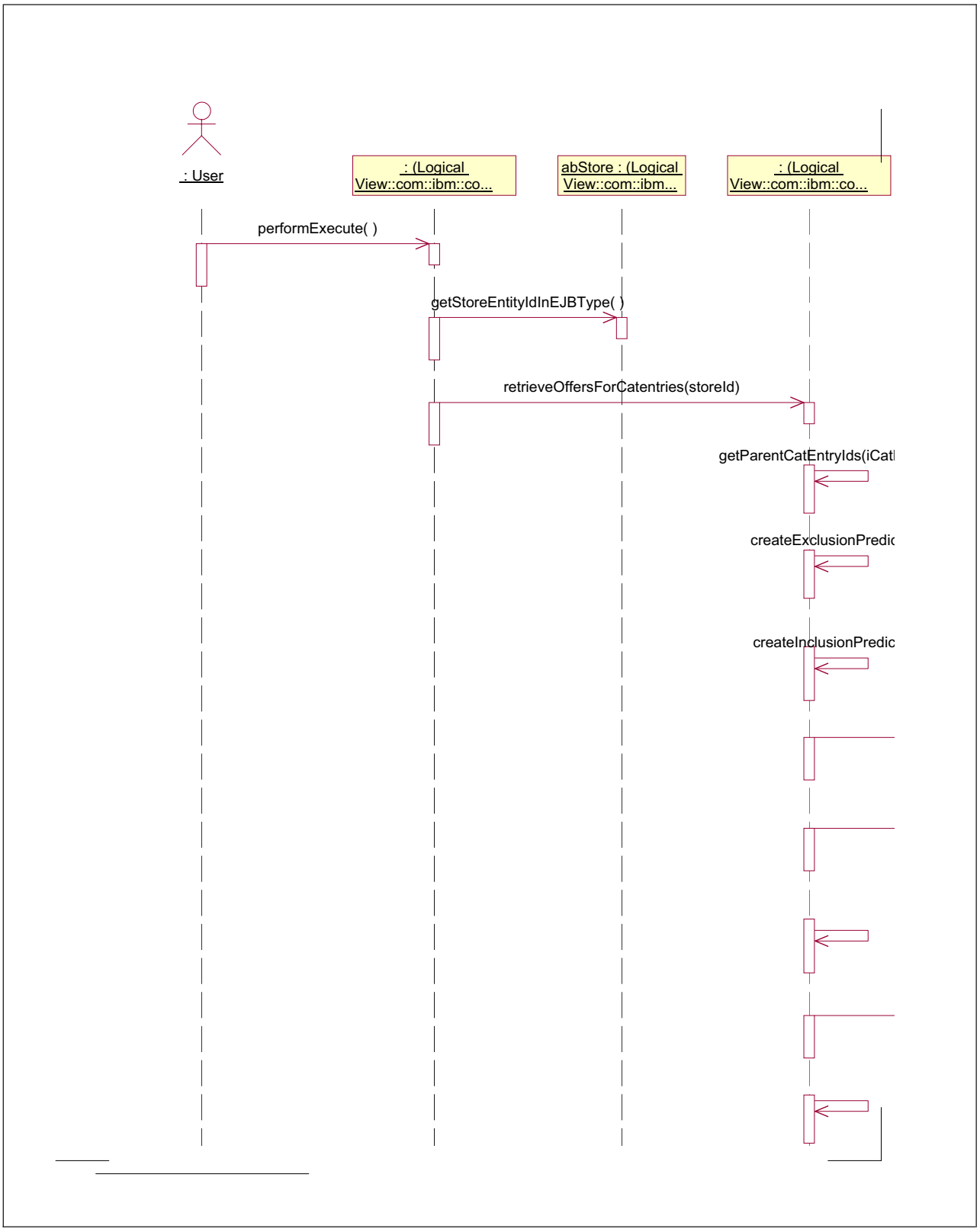

Figure 174. RetrievePrices sequence diagram, 1 of 4 (1,1)

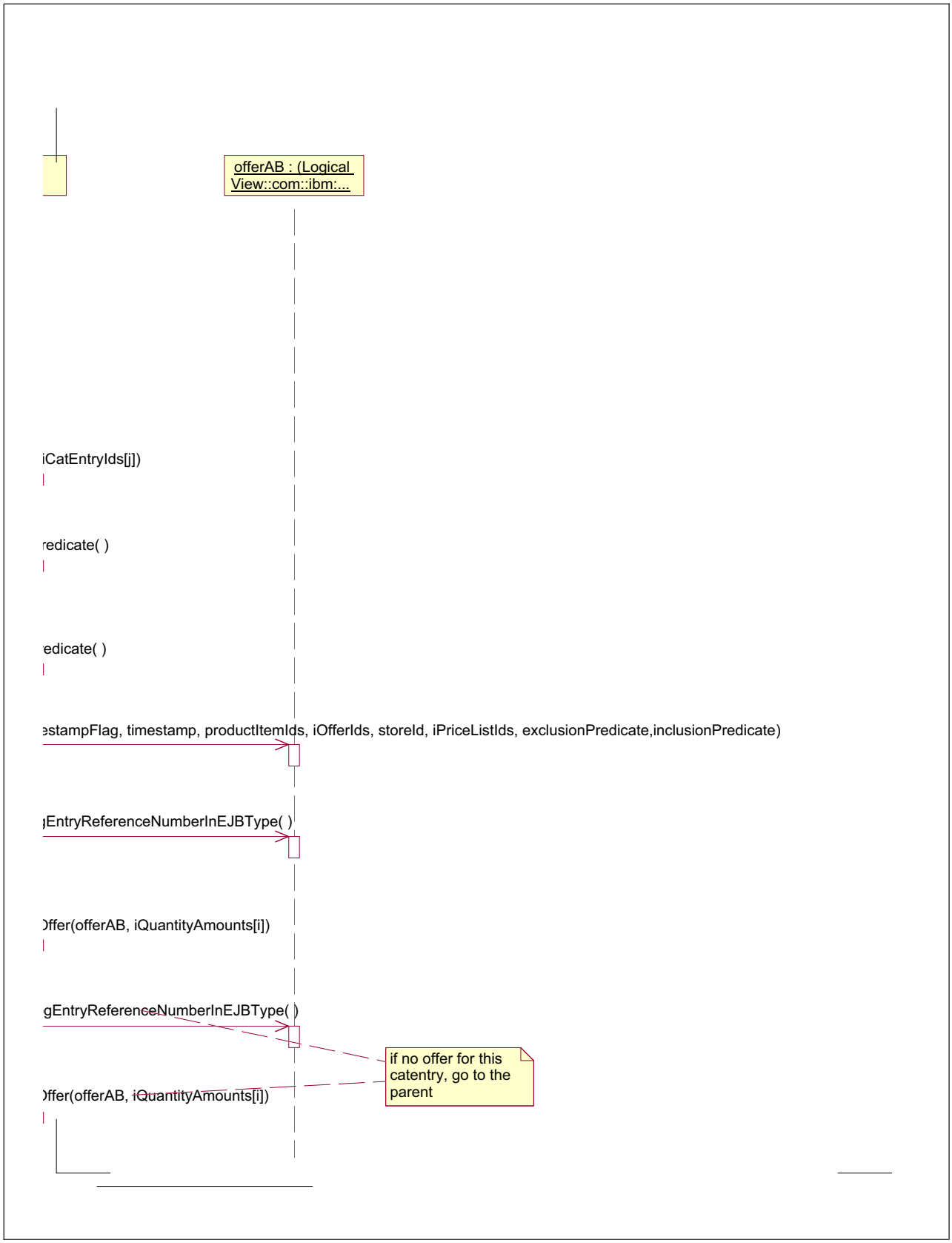

Figure 175. RetrievePrices sequence diagram, 2 of 4 (1,2)

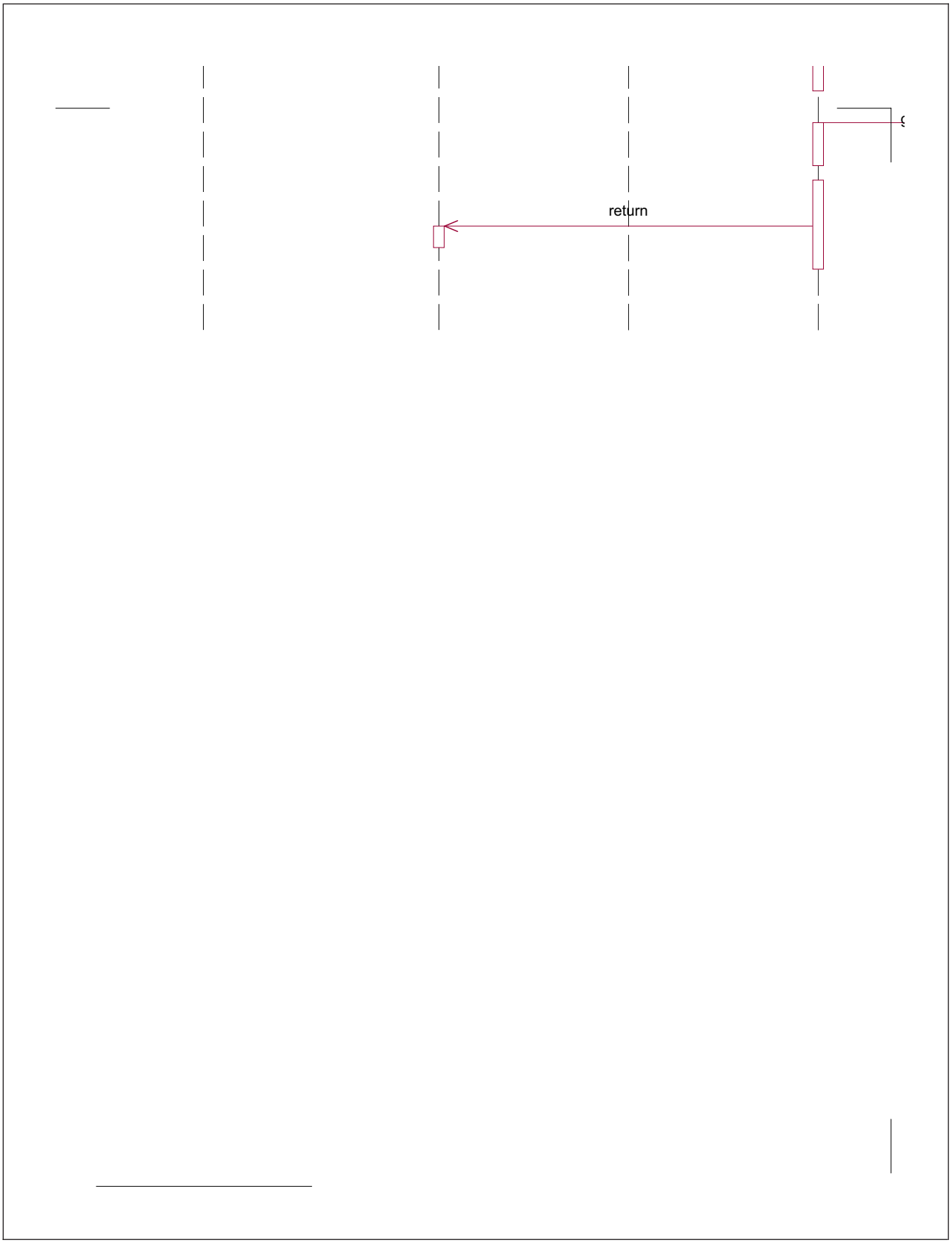

Figure 176. RetrievePrices sequence diagram, 3 of 4 (2,1)

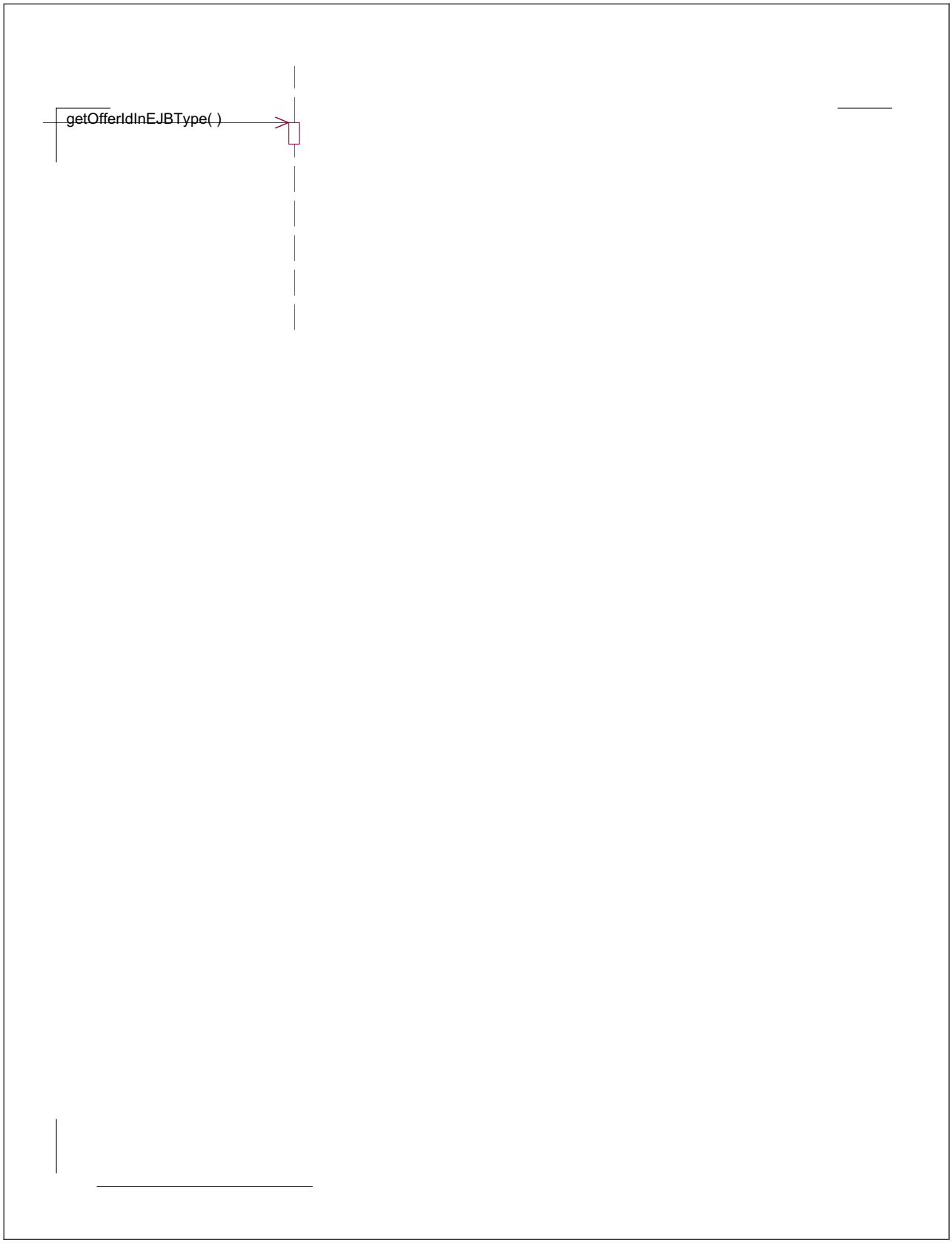

Figure 177. RetrievePrices sequence diagram, 4 of 4 (2,2)

SendWCSOrder sequence diagram

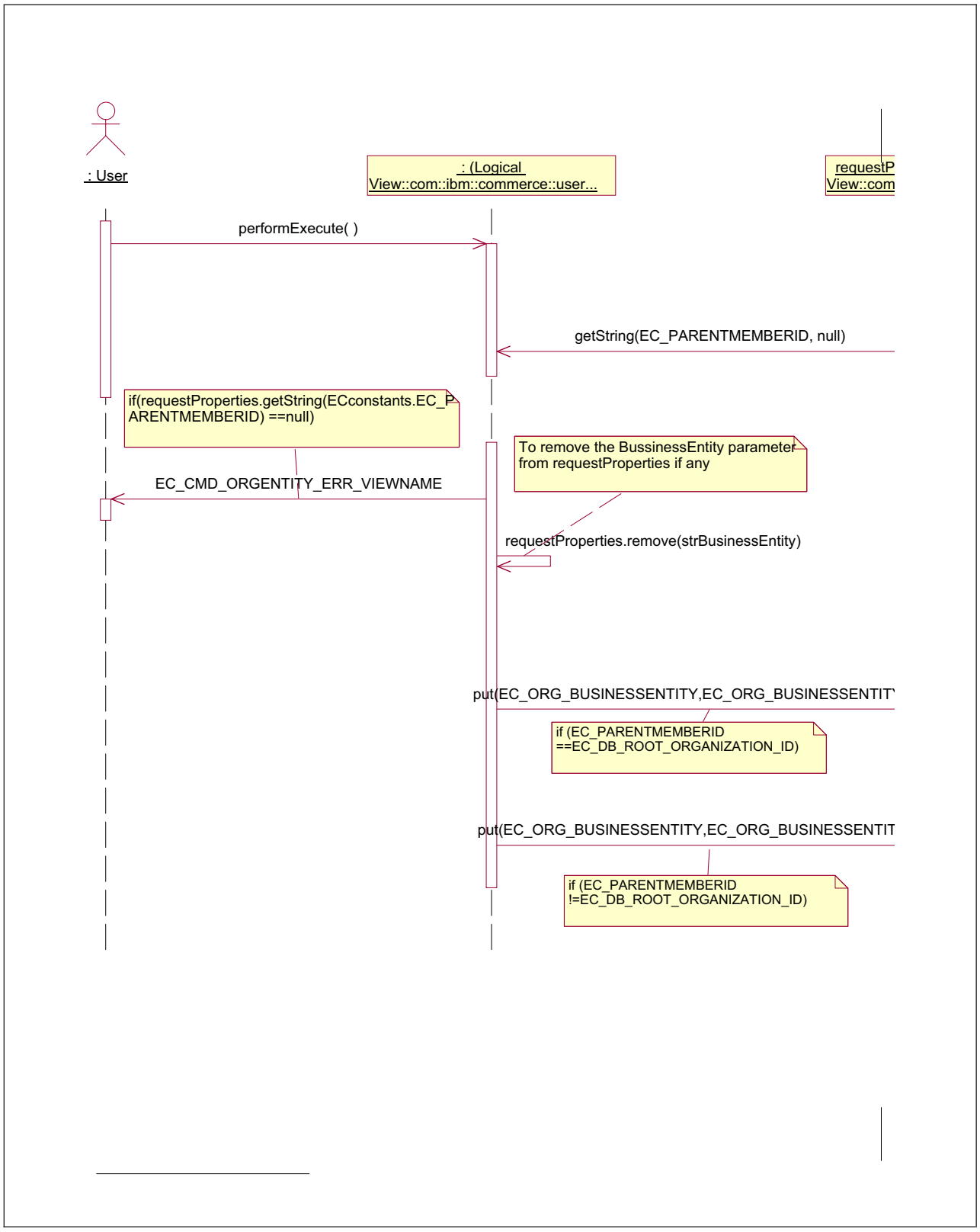

Figure 178. SendWCSOrder sequence diagram

SetBusinessEntity sequence diagram

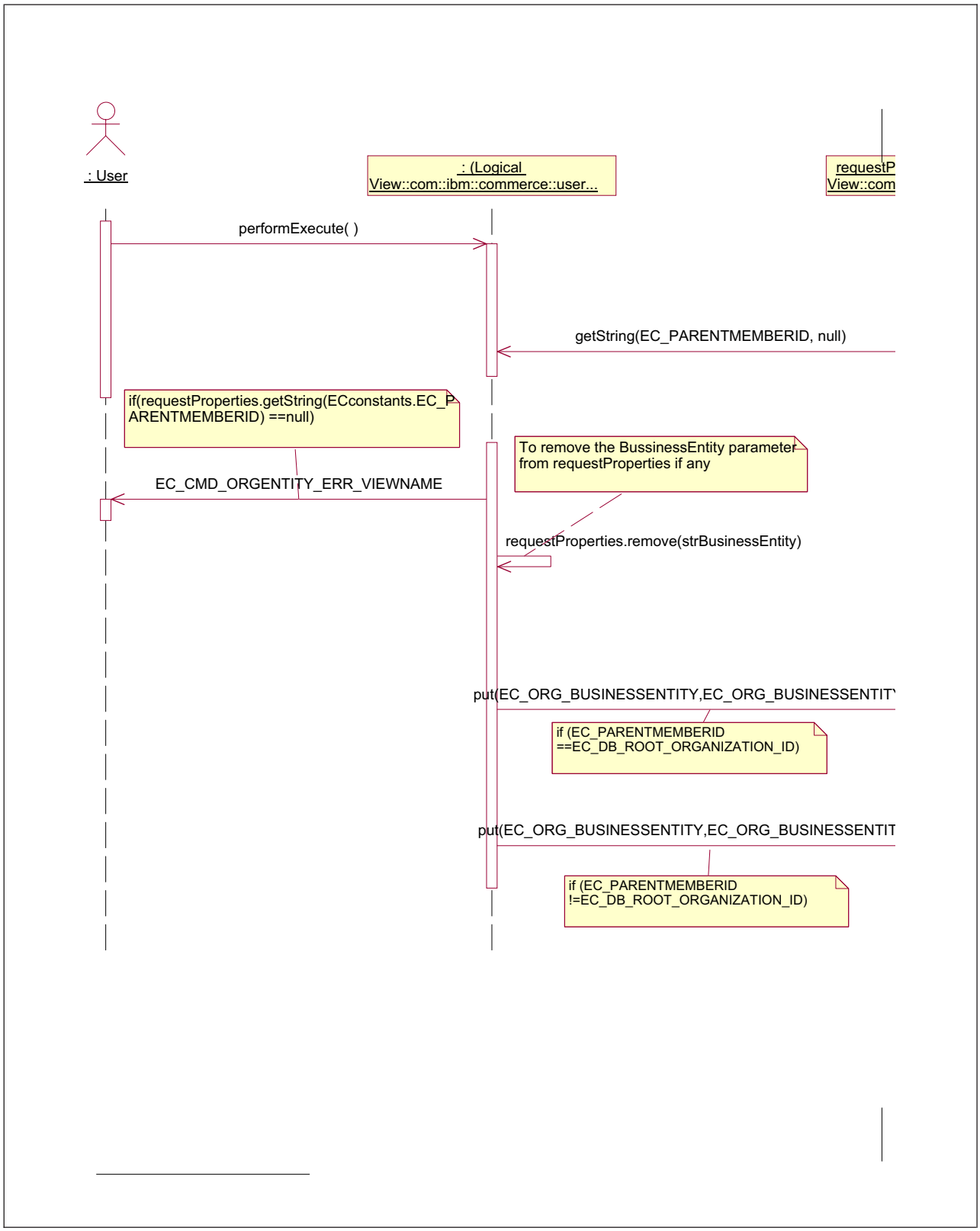

Figure 179. SetBusinessEntity sequence diagram, 1 of 2 (1,1)

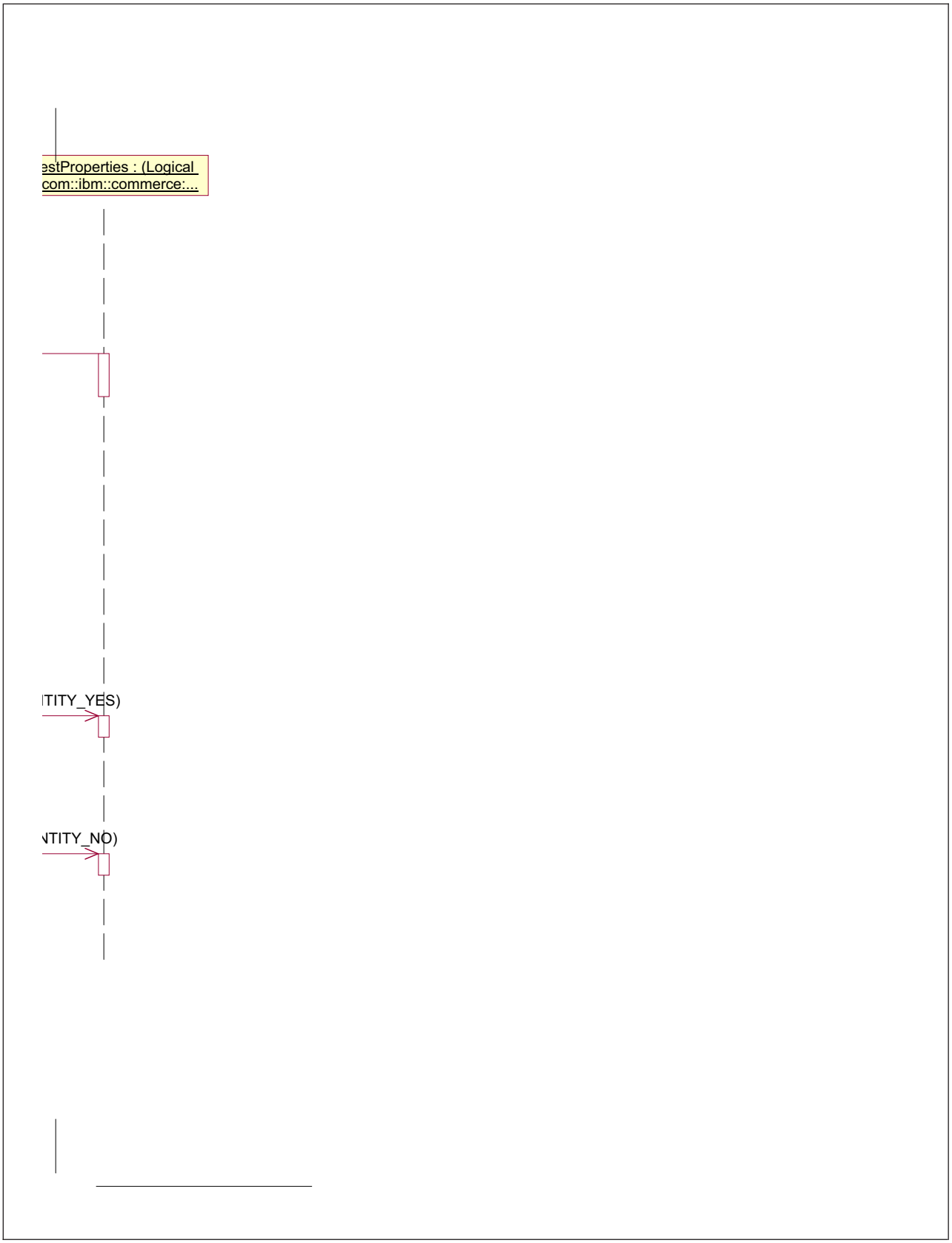

Figure 180. SetBusinessEntity sequence diagram, 2 of 2 (1,2)

UserRegistrationAddCheckApproval sequence diagram (Business Edition only)

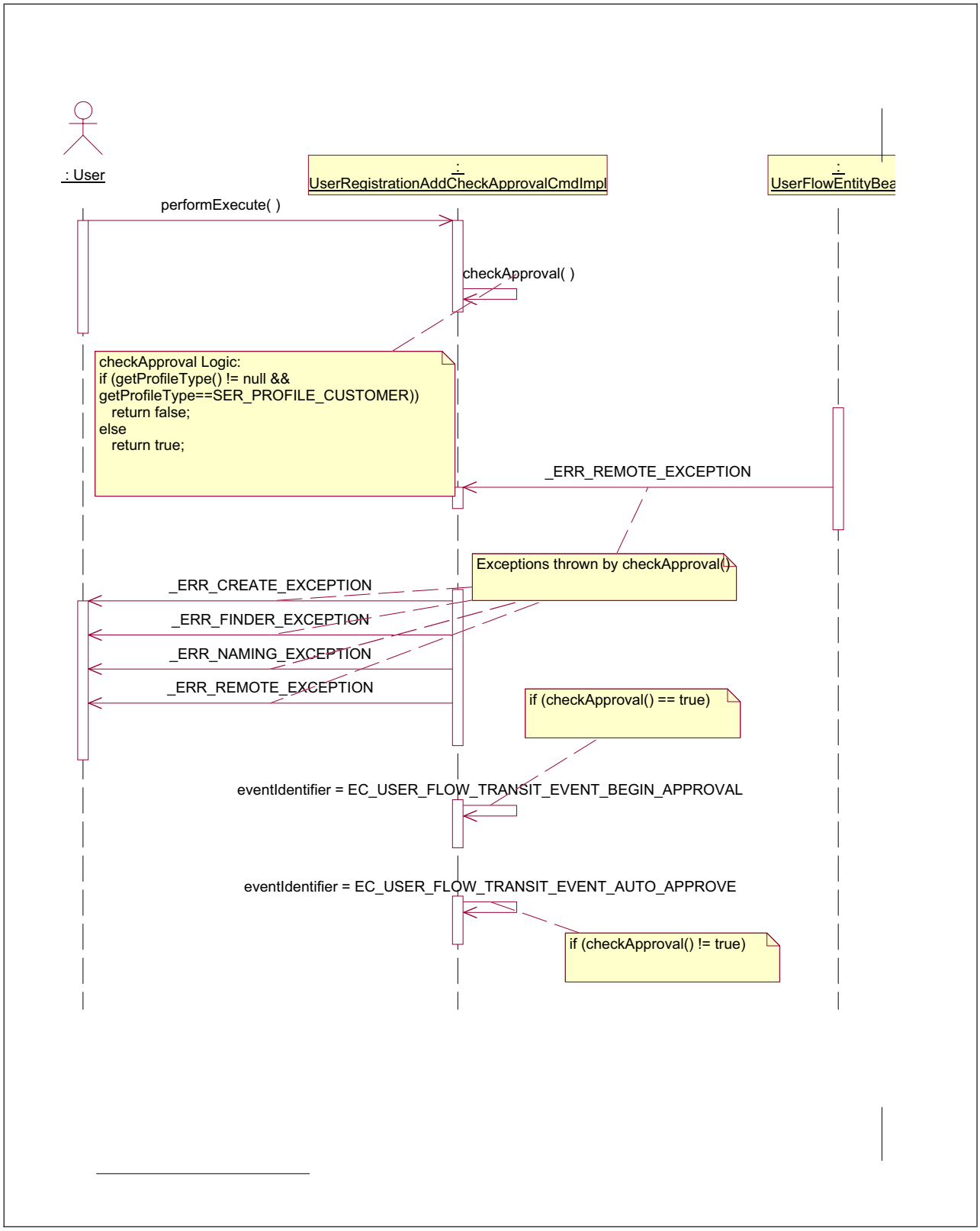

Figure 181. UserRegistrationAddCheckApproval sequence diagram

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