

February 13, 1996

Edwin J. Gillis
Parametric Technology Corporation
128 Technology Drive
Waltham, MA 02154

RE: Amended Schedule 13G

Enclosed pursuant to Rule 13d-2(b) under the Securities Exchange Act of 1934 is a report on Schedule 13G reporting beneficial ownership at December 31, 1995 by American Express Company and American Express Financial Corporation in common stock of Parametric Technology Corporation.

Sincerely,

Steve Turbenson
Manager Investment Accounting Operations

Enclosure

SECURITIES AND EXCHANGE COMMISSION

Washington, D. C. 20549

SCHEDULE 13G

Under the Securities and Exchange Act of 1934

Parametric Technology Corporation
(Name of Issuer)

Amendment #1

Common Stock
(Title of Class of Securities)

699173-10-0
(CUSIP Number)

Check the following space if a fee is being paid with this statement

The information required in the remainder of this cover page (except any items to which the form provides a cross-reference) shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act.

CUSIP NO. 699173-10-0

1) Name of Reporting Person American Express Company

S.S. or I.R.S. Identification IRS No. 13-4922250
No. of Above Person

2) Check the Appropriate Box (a)
if a Member of a Group (b) X - Joint Filing

3) SEC Use Only

4) Citizenship or Place of Organization New York

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON
WITH

(5) Sole Voting Power -0-
(6) Shared Voting Power 1,073,000
(7) Sole Dispositive Power -0-
(8) Shared Dispositive Power 3,038,000

9) Aggregate Amount Beneficially
Owned by Each Reporting Person 3,038,000

10) Check if the Aggregate Amount in
Row (9) Excludes Certain Shares Not Applicable

11) Percent of Class Represented by
Amount In Row (9) 5.26%

12) Type of Reporting Person CO, HC

CUSIP NO. 699173-10-0

1) Name of Reporting Person American Express Financial
Corporation

S.S. or I.R.S. Identification IRS No. 13-3180631
No. of Above Person

2) Check the Appropriate Box (a)
if a Member of a Group (b) X - Joint Filing

3) SEC Use Only

4) Citizenship or Place of Organization Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON
WITH

(5) Sole Voting Power -0-
(6) Shared Voting Power
1,073,000
(7) Sole Dispositive Power -0-
(8) Shared Dispositive Power

3,038,000

9) Aggregate Amount Beneficially
Owned by Each Reporting Person 3,038,000

10) Check if the Aggregate Amount in
Row (9) Excludes Certain Shares Not Applicable

11) Percent of Class Represented by
Amount In Row (9) 5.26%

12) Type of Reporting Person CO, IA

1(a) Name of Issuer: Parametric Technology
Corporation

1(b) Address of Issuer's
Principal 128 Technology Drive
Executive Offices: Waltham, MA 02154

2(a) Name of Person Filing: American Express
Company
American Express Financial
Corporation

2(b) Address of Principal
Business Office: American Express Company
American Express Tower
World Financial Center
New York, NY 10285

American Express Financial
Corporation

IDS Tower 10
Minneapolis, MN 55440

2(c) Citizenship: See Item 4 of Cover
Page

2(d) Title of Class of Securities: Common Stock

2(e) Cusip Number: 699173-10-0

3 Information if statement is filed pursuant to Rules 13d-
1(b) or 13d-2(b):

American Express Company, one of the persons filing
this statement, is a Parent Holding Company in
accordance with Rule 13d-1(b)(ii)(G).

American Express Financial Corporation, one of the
persons filing this statement, is an Investment Advisor
registered under section 203 of the Investment Advisors
Act of 1940.

4(a) Amount Beneficially Owned as of Dec. 31, 1995:
See Item 9 of Cover Pages

4(b) Percent of Class: See Item 11 of Cover
Pages

4(c) Number of Shares as to which such person has:
(i) Sole power to vote or to direct the vote: See Item
5 of Cover Pages
(ii) Shared power to vote or direct the vote: See
Item 6 of Cover Pages
(iii) Sole power to dispose or to direct the
disposition of: See Item 7
of Cover Pages

(iv) Shared power to dispose or to direct the disposition of: See Item 8 of Cover Pages

5 Ownership of 5% or Less of a Class:
If this statement is being filed to report the fact as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ().

6 Ownership of more than 5% on Behalf of Another Person:
Not Applicable

7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:
See Exhibit I

8 Identification and Classification of Members of the Group:
Not Applicable

9 Notice of Dissolution of Group:
Not Applicable

10 Certification:
By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

American Express Financial Corporation

Dated: Dec. 31, 1995

By
Signature

Melinda S. Urion
Senior Vice-President of
Finance
and Chief Financial Officer
Name/Title

Telephone: (612) 671-6227

Exhibit Index

Exhibit I Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company.

Exhibit II Statement of American Express Company

Exhibit III Statement of American Express Financial Corporation

Exhibit I

to

Schedule 13G

One of the persons filing this statement is a parent holding company. The relevant subsidiary, American Express Financial Corporation, a Delaware Corporation, is registered as investment advisor under section 203 of the Investment Advisors Act of 1940.

EXHIBIT II

to

SCHEDULE 13G

under the

Securities Exchange Act of 1934

American Express Company, American Express Tower, World Financial Center, New York, New York disclaims beneficial ownership of the securities referred to in the Schedule 13G to which this exhibit is attached, and the filing of this Schedule 13G shall not be construed as an admission that American Express Company is, for the purpose of Section 13(d) or 13(g) of the Securities Exchange Act of 1934, the beneficial owner of any securities covered by this Schedule 13G.

Pursuant to Rule 13d-1(f) (1) and subject to the preceding disclaimer, American Express Company affirms it is individually eligible to use Schedule 13G and agrees that this Schedule is filed on its behalf, and authorizes the President, any Vice President, the comptroller, the Secretary, the General Counsel, any Associate General Counsel or any Counsel, each with power to act singly, of each subsidiary of American Express Company making this filing to sign this statement on behalf of American Express Company.

AMERICAN EXPRESS COMPANY

By: _____
Name: Stephen P. Norman
Title: Secretary

Exhibit III

to

Schedule 13G

Under the

Securities Exchange Act of 1934

Pursuant to Rule 13d-1(f) (1), American Express Financial Corporation affirms that it is individually eligible to use Schedule 13G and agrees that this Schedule is filed in its behalf.

American Express Financial
Corporation

By:
Melinda S. Urion
Senior Vice-President of
and Chief Financial Officer

Finance

