

## BLACKROCK CALIFORNIA MUNICIPAL INCOME TRUST

Form 3

March 10, 2010

**FORM 3** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting  
Person \*

Â UBS AG

(Last) (First) (Middle)

BAHNHOFSTRASSE 45,Â PO  
BOX CH-8021

(Street)

ZURICH,Â V8Â

(City) (State) (Zip)

2. Date of Event Requiring  
Statement

(Month/Day/Year)

02/28/2010

3. Issuer Name **and** Ticker or Trading SymbolBLACKROCK CALIFORNIA MUNICIPAL INCOME  
TRUST [BFZ]4. Relationship of Reporting  
Person(s) to Issuer5. If Amendment, Date Original  
Filed(Month/Day/Year)

(Check all applicable)

☐ Director ☒ 10% Owner  
☐ Officer ☐ Other  
(give title below) (specify below)6. Individual or Joint/Group  
Filing(Check Applicable Line)  
☒ Form filed by One Reporting  
Person  
☐ Form filed by More than One  
Reporting Person**Table I - Non-Derivative Securities Beneficially Owned**1. Title of Security  
(Instr. 4)2. Amount of Securities  
Beneficially Owned  
(Instr. 4)3. Ownership  
Form:  
Direct (D)  
or Indirect  
(I)  
(Instr. 5)4. Nature of Indirect Beneficial  
Ownership  
(Instr. 5)Auction Preferred Stock <sup>(3)</sup>722 <sup>(2)</sup>

I

By subsidiary - see footnote <sup>(1)</sup>Reminder: Report on a separate line for each class of securities beneficially  
owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of  
information contained in this form are not  
required to respond unless the form displays a  
currently valid OMB control number.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative Security  
(Instr. 4)2. Date Exercisable and  
Expiration Date  
(Month/Day/Year)3. Title and Amount of  
Securities Underlying  
Derivative Security  
(Instr. 4)  
Title4. Conversion  
or Exercise  
Price of  
Derivative5. Ownership  
Form of  
Derivative  
Security:6. Nature of Indirect  
Beneficial Ownership  
(Instr. 5)

|                     |                    |                                  |          |                                                |
|---------------------|--------------------|----------------------------------|----------|------------------------------------------------|
| Date<br>Exercisable | Expiration<br>Date | Amount or<br>Number of<br>Shares | Security | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) |
|---------------------|--------------------|----------------------------------|----------|------------------------------------------------|

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |         |       |
|-------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                             | Director      | 10% Owner | Officer | Other |
| UBS AG<br>BAHNHOFSTRASSE 45<br>PO BOX CH-8021<br>ZURICH, V8 | Â             | Â X       | Â       | Â     |

## Signatures

/s/ Anthony  
DeFilippis 03/10/2010

\_\_Signature of  
Reporting Person Date

/s/ Paul J. Sitarz 03/10/2010

\_\_Signature of  
Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) This Statement is filed by UBS AG for the benefit and on behalf of UBS Securities LLC and UBS Financial Services Inc., two-wholly owned subsidiaries of UBS AG to which UBS AG has delegated portions of its performance obligations with respect to the Auction Rate Securities Rights issued by UBS AG to certain clients and pursuant to which the securities reported herein have been purchased from such clients.

(2) Pursuant to the Global Relief Letter referred to below, this filing reports holdings of the Series of Auction Preferred Stock identified in Item 1 of this Table I on an aggregated basis.

(3) CUSIP No[s]. 09248E201, 09248E300, 09248E409

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### Remarks:

The Shares reported herein represent UBS AG's combined holdings in multiple series of auction preferred securities treated herein as one class of securities in accordance with the Auction Rate Securities -- Global Relief Letter issued by the staff of the Securities and Exchange Commission (SEC) on September 1, 2009. The issuer undertakes to provide, upon request by the SEC staff, the issuer, or a security holder of the issue, the number of securities identified in Table IA purchased and sold at each different price and date on which beneficial ownership exceeded ten percent and January 31, 2009, as required by the Global Relief Letter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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