

MORGAN STANLEY

*MORGAN STANLEY DERIVATIVE PRODUCTS INC.
1585 BROADWAY
NEW YORK, NEW YORK 10036
(212) 761-4000*

August 21, 1998

International Swaps and Derivatives Association, Inc.
600 Fifth Avenue
27th Floor
New York, NY 10020-2302

Attn: Robert Pickel, Esq.
General Counsel

Dear Sirs:

Re: EMU Protocol – Adherence

The purpose of this letter is to confirm our adherence to the ISDA EMU Protocol as published by the International Swaps and Derivatives Association, Inc. on May 6, 1998 (the “Protocol”). This letter constitutes an Adherence Letter as referred to in the Protocol.

The definitions and provisions contained in the Protocol are incorporated into this Adherence Letter, which supplements and forms part of each ISDA Master Agreement between us and each other Adhering Party.

1. Specified EMU Terms

Annex 1	ISDA EMU Continuity Provisions	Applicable
Annex 2	Price Sources	Applicable
Annex 3	Payment Netting	NOT Applicable
Annex 4	EMU Definitions	Applicable
Annex 5	Bond Options	Applicable

2. Appointment as Agent and Release

We hereby appoint ISDA as our agent for the limited purposes of the Protocol and accordingly we waive, and hereby release ISDA from, any rights, claims, actions or causes of action whatsoever (whether in contract, tort or otherwise) arising out of or any way relating to this Adherence Letter or our adherence to the Protocol or any actions contemplated as being required by ISDA.

3. Payment

We enclose payment of U.S.\$500, or represent that we have previously made payment of that amount to you, in respect of our adherence to the EMU Protocol.

4. Contact Details

Our contact details for purposes of this Adherence Letter are:

Name: James J. Hill
Vice President
Address: 1221 Avenue of the Americas
27th Floor
New York, NY 10020
Telephone: (212) 762-6829
Fax: (212) 762-8896

We consent to the publication of the conformed copy of this letter by ISDA and to the disclosure by ISDA of the contents of this letter.

Sincerely yours,

MORGAN STANLEY DERIVATIVE PRODUCTS INC.

/S/

Christopher M. Buccino
Vice President