



Agilent Technologies
Innovating the HP Way

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Addressee's Name
Business Name
Street Address
City, State, Zip Code
Country

PRODUCT OBSOLESCENCE NOTICE

Dear (Customer):

As part of Agilent Technologies bi-annual review of its Fiber Optic product portfolio, it has been decided, we will be withdrawing from the manufacture of the products listed below, from 1st January 2000. The reasons for the obsolescence are based on many factors, including piece-part availability and volume of sales.

An opportunity to make Last Time Buy purchases will be available as detailed below, with a further period for shipment of placed orders.

Please note that Agilent Technologies reserves the right to limit last time buy quantities based on capacity and material availability.

Product Number	Replacement Part Number	Last Time Buy Date	Last Ship Date

If you have any questions about this obsolescence, please do not hesitate to contact your local Agilent Technologies sales representative or authorized distributor.

Sincerely

RASTaylor

Ray Taylor
WW Product Manager



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FCD PRODUCT OBSOLESCENCE
PRODUCT LINE FO

**To: Agilent Semiconductor Products Group - Worldwide Sales Force,
Channel Management,**

PP&C Management,

Manufacturing Management

As part of the Semiconductor Products Group's (SPG) initiative to reduce part numbers, Phase II of an activity to reduce the total number of part numbers has been carried out within FCD Marketing. This activity has reviewed all active part number order volume/revenue over the last four years (1996-1999), against a certain defined threshold level. As a result, a total of **1925** part numbers will be made obsolete from **January 1st 2000**

As a result of input from Manufacturing and various sales entities, there have been a number of changes from the pre-notification documentation sent out in November. A number of products have been removed from the list, and the following products have been **added** to the obsolescence program:-

HFBR-5203, HFBR-5203T, XMT5170*-622 family (Both 'A' and 'B' versions)

The attached Excel **Product** spreadsheets detail all the customer information for the obsolete products, and incorporates an '**Auto Filter**' function for ease of use. (Click on down-arrow at right hand end of cell, and select appropriate customer or product)

The **Master.XLS spreadsheet** contains an **Aphabetical** list of all the obsolete products, **Recommended Replacement Products** (if available) and the **Last Time Buy Date/Last Ship Date** information.

The Master.XLS spreadsheet contains no customer information, and is suitable for distributing to our channel partners and for inclusion on PCNAlert.



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buy period, or may be obsoleted with immediate effect. (See Col C for details)
shorter or immediate
obsolescence

Some Products, due to technical difficulties or piece part issues may also have

The Part Numbers List Below will be obsoleted from January 1st 2000

Those Products with no sales activity will either have a 3 months last time

Those Products with some sales activity will have a 6 Month Last

Time Buy Period until 30 June 2000 With a further 6 months for shipments

Product	Replacement Product	Last Time Buy Date	Last Ship Date
CDR2500	NONE	31-Jan-00	31-Jul-00
CDRW2500	NONE	31-Jan-00	31-Jul-00
FPL2630-FP	NONE	IMMEDIATE	NONE
FPL4630	NONE	IMMEDIATE	NONE
FPL4630-FP	NONE	IMMEDIATE	NONE
FPL4630-FP/CY	NONE	IMMEDIATE	NONE
FPL4635	NONE	IMMEDIATE	NONE
FPL4635/C6	NONE	IMMEDIATE	NONE
FPL4640	NONE	IMMEDIATE	NONE
FPL4640-FP	NONE	IMMEDIATE	NONE
FPL4645/B5_LT	NONE	IMMEDIATE	NONE
FPL4645/CKQ	NONE	IMMEDIATE	NONE
FPL4650	NONE	IMMEDIATE	NONE
FPL4660	NONE	IMMEDIATE	NONE
FPL4660-AP	NONE	IMMEDIATE	NONE
FPL4660-FP	NONE	IMMEDIATE	NONE
FPL4670	NONE	IMMEDIATE	NONE
FPL4690	NONE	IMMEDIATE	NONE
FPL4711/AB	NONE	IMMEDIATE	NONE
FPL4740	NONE	IMMEDIATE	NONE
FPL4740/A1	NONE	IMMEDIATE	NONE
FPL4740-FP	NONE	IMMEDIATE	NONE
FPL4750	NONE	IMMEDIATE	NONE
FPL4760	NONE	IMMEDIATE	NONE



FPL4770	NONE	IMMEDIATE	NONE
FPL4790	NONE	IMMEDIATE	NONE
FPL4790/A3	NONE	IMMEDIATE	NONE
HFBR-0303	NONE	30-Jun-00	31-Dec-00
HFBR-0305	NONE	30-Jun-00	31-Dec-00
HFBR-0463	NONE	IMMEDIATE	NONE
HFBR-0502	NONE	31-Mar-00	31 Jun 00
HFBR-0527T	HFBR-0527H OR P	31-Mar-00	31 Jun 00
HFBR-0530	NONE	30-Jun-00	31-Dec-00
HFBR-0531	NONE	30-Jun-00	31-Dec-00
HFBR-0532	HFBR-0527H OR P	31-Mar-00	31 Jun 00
HFBR-0533	HFBR-0527H OR P	31-Mar-00	31 Jun 00
HFBR-0534	NONE	31-Mar-00	31 Jun 00
HFBR-0551	NONE	30-Jun-00	31-Dec-00
HFBR-1003	NONE	31-Mar-00	31 Jun 00
HFBR-1100	NONE	31-Mar-00	31 Jun 00
HFBR-1115	HFBR-1115T	31-Mar-00	31 Jun 00
HFBR-1115M	HFBR-1115T	30-Jun-00	31-Dec-00
HFBR-1116	HFBR-1116T	31-Mar-00	31 Jun 00
HFBR-1116M	HFBR-1116T	31-Mar-00	31 Jun 00
HFBR-1119	HFBR-1119T	31-Mar-00	31 Jun 00
HFBR-1120	NONE	31-Mar-00	31 Jun 00
HFBR-1120T	NONE	31-Mar-00	31 Jun 00
HFBR-1125	NONE	31-Mar-00	31 Jun 00
HFBR-1160	NONE	31-Mar-00	31 Jun 00
HFBR-11E5	HFBR-1115T	30-Jun-00	31-Dec-00
HFBR-11E9	HFBR-1119T	30-Jun-00	31-Dec-00
HFBR-11F5M	HFBR-1115T	30-Jun-00	31-Dec-00
HFBR-11F6M	HFBR-1116T	31-Mar-00	31 Jun 00
HFBR-11F9M	HFBR-1119T	31-Mar-00	31 Jun 00
HFBR-1312M	HFBR-1312T	30-Jun-00	31-Dec-00
HFBR-1312TB	HFBR-1312T	30-Jun-00	31-Dec-00
HFBR-1312TW	HFBR-1312T	31-Mar-00	31 Jun 00
HFBR-1314T	NONE	31-Mar-00	31 Jun 00
HFBR-1315M	Alt Supplier- PD-LD Inc	30-Jun-00	31-Dec-00
HFBR-1315TM	Alt Supplier- PD-LD Inc	30-Jun-00	31-Dec-00
HFBR-1322	HFBR-1312T	30-Jun-00	31-Dec-00
HFBR-1322M	HFBR-1312T	30-Jun-00	31-Dec-00
HFBR-13E3	NONE	31-Mar-00	31 Jun 00
HFBR-13E4	NONE	31-Mar-00	31 Jun 00
HFBR-1402M	HFBR-1402	30-Jun-00	31-Dec-00
HFBR-1403	NONE	31-Mar-00	31 Jun 00



HFBR-1404M	HFBR-1404	30-Jun-00	31-Dec-00
HFBR-1404W	HFBR-1404	31-Mar-00	31 Jun 00
HFBR-1405	NONE	31-Mar-00	31 Jun 00
HFBR-1412HA	HFBR-1412	30-Jun-00	31-Dec-00
HFBR-1412HB	HFBR-1412	31-Mar-00	31 Jun 00
HFBR-1412L	HFBR-1412	30-Jun-00	31-Dec-00
HFBR-1412TA	HFBR-1412	31-Mar-00	31 Jun 00
HFBR-1412TB	HFBR-1412	31-Mar-00	31 Jun 00
HFBR-1414HA	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414HB	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414L	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414P	HFBR-1414	31-Mar-00	31 Jun 00
HFBR-1414TA	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414TB	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414TL	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414TM	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1414W	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1415	NONE	31-Mar-00	31 Jun 00
HFBR-1415T	NONE	31-Mar-00	31 Jun 00
HFBR-1416T	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1422	HFBR-1402 OR 1412	30-Jun-00	31-Dec-00
HFBR-1422B	HFBR-1402 OR 1412	31-Mar-00	31 Jun 00
HFBR-1422S	HFBR-1402 OR 1412	31-Mar-00	31 Jun 00
HFBR-1424B	HFBR-1404 OR 1414	31-Mar-00	31 Jun 00
HFBR-1424M	HFBR-1404 OR 1414	30-Jun-00	31-Dec-00
HFBR-1424S	HFBR-1404 OR 1414	31-Mar-00	31 Jun 00
HFBR-1442	HFBR-1414	31-Mar-00	31 Jun 00
HFBR-1444T	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1452	HFBR-1402	30-Jun-00	31-Dec-00
HFBR-1462T	HFBR-1412	30-Jun-00	31-Dec-00
HFBR-1464	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-1464T	HFBR-1414	30-Jun-00	31-Dec-00
HFBR-14E2	HFBR-14E4	30-Jun-00	31-Dec-00
HFBR-14E6	HFBR-14E4	30-Jun-00	31-Dec-00
HFBR-1500	NONE	31-Mar-00	31 Jun 00
HFBR-1521B	HFBR-1521	30-Jun-00	31-Dec-00
HFBR-1522B	HFBR-1522	31-Mar-00	31 Jun 00
HFBR-1524B	HFBR-1524	31-Mar-00	31 Jun 00
HFBR-1529	HFBR-1528	31-Mar-00	31 Jun 00
HFBR-1532B	HFBR-1532	31-Mar-00	31 Jun 00
HFBR-1534	HFBR-1532	30-Jun-00	31-Dec-00
HFBR-1534B	HFBR-1532	31-Mar-00	31 Jun 00



HFBR-1534T	HFBR-1532	30-Jun-00	31-Dec-00
HFBR-1538	HFBR-1528	30-Jun-00	31-Dec-00
HFBR-1538B	HFBR-1528	31-Mar-00	31 Jun 00
HFBR-1541	NONE	31-Mar-00	31 Jun 00
HFBR-1542	NONE	31-Mar-00	31 Jun 00
HFBR-1543	NONE	31-Mar-00	31 Jun 00
HFBR-1544	NONE	31-Mar-00	31 Jun 00
HFBR-1550	NONE	30-Jun-00	31-Dec-00
HFBR-1555	NONE	30-Jun-00	31-Dec-00
HFBR-1603	HFBR-1602	31-Mar-00	31 Jun 00
HFBR-1605	HFBR-1604	31-Mar-00	31 Jun 00
HFBR-1612T	HFBR-1515B	31-Mar-00	31 Jun 00
HFBR-1613	NONE	31-Mar-00	31 Jun 00
HFBR-1613T	NONE	31-Mar-00	31 Jun 00
HFBR-1614T	NONE	31-Mar-00	31 Jun 00
HFBR-1615	NONE	31-Mar-00	31 Jun 00
HFBR-1615T	NONE	31-Mar-00	31 Jun 00
HFBR-1618M	NONE	31-Mar-00	31 Jun 00
HFBR-2003	NONE	31-Mar-00	31 Jun 00
HFBR-2100	NONE	31-Mar-00	31 Jun 00
HFBR-2115	HFBR-2115T	31-Mar-00	31 Jun 00
HFBR-2115M	HFBR-2115T	30-Jun-00	31-Dec-00
HFBR-2116	HFBR-2116T	31-Mar-00	31 Jun 00
HFBR-2116M	HFBR-2116T	31-Mar-00	31 Jun 00
HFBR-2120	NONE	31-Mar-00	31 Jun 00
HFBR-2120T	NONE	31-Mar-00	31 Jun 00
HFBR-2125	NONE	31-Mar-00	31 Jun 00
HFBR-21E5	HFBR-2115T	30-Jun-00	31-Dec-00
HFBR-21E9	HFBR-2119T	30-Jun-00	31-Dec-00
HFBR-21F5M	HFBR-2115T	30-Jun-00	31-Dec-00
HFBR-21F9M	HFBR-2119T	31-Mar-00	31 Jun 00
HFBR-2207	NONE	31-Mar-00	31 Jun 00
HFBR-2222	NONE	31-Mar-00	31 Jun 00
HFBR-2315M	Alt Supplier- PD-LD Inc	30-Jun-00	31-Dec-00
HFBR-2315T	Alt Supplier- PD-LD Inc	30-Jun-00	31-Dec-00
HFBR-2316M	HFBR-2316	30-Jun-00	31-Dec-00
HFBR-2316TB	HFBR-2316	30-Jun-00	31-Dec-00
HFBR-2316TM	HFBR-2316	31-Mar-00	31 Jun 00
HFBR-2316TW	HFBR-2316	31-Mar-00	31 Jun 00
HFBR-2326	HFBR-2316	30-Jun-00	31-Dec-00
HFBR-2326M	HFBR-2316	30-Jun-00	31-Dec-00
HFBR-23E7	HFBR-23E6	31-Mar-00	31 Jun 00



HFBR-23E8	HFBR-23E6	31-Mar-00	31 Jun 00
HFBR-2404K	HFBR-2404	31-Mar-00	31 Jun 00
HFBR-2404W	HFBR-2404	31-Mar-00	31 Jun 00
HFBR-2406C	HFBR-2406	30-Jun-00	31-Dec-00
HFBR-2406M	HFBR-2406	30-Jun-00	31-Dec-00
HFBR-2406W	HFBR-2406	31-Mar-00	31 Jun 00
HFBR-2407	HFBR-2406	31-Mar-00	31 Jun 00
HFBR-2408	HFBR-2406	31-Mar-00	31 Jun 00
HFBR-2412HA	HFBR-2412	30-Jun-00	31-Dec-00
HFBR-2412HB	HFBR-2412	31-Mar-00	31 Jun 00
HFBR-2412M	HFBR-2412	30-Jun-00	31-Dec-00
HFBR-2412TB	HFBR-2412	30-Jun-00	31-Dec-00
HFBR-2412TM	HFBR-2412	30-Jun-00	31-Dec-00
HFBR-2414K	HFBR-2414	31-Mar-00	31 Jun 00
HFBR-2414TC	HFBR-2414T	30-Jun-00	31-Dec-00
HFBR-2416HA	HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2416L	HFBR-2416	30-Jun-00	31-Dec-00
HFBR-2416P	HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2416TB	HFBR-2416T	30-Jun-00	31-Dec-00
HFBR-2416TL	HFBR-2416T	30-Jun-00	31-Dec-00
HFBR-2416TM	HFBR-2416T	30-Jun-00	31-Dec-00
HFBR-2416W	HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2417T	HFBR-2416T	31-Mar-00	31 Jun 00
HFBR-2418	HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2421	NONE	31-Mar-00	31 Jun 00
HFBR-2422B	HFBR-2402 OR HFBR-2412	31-Mar-00	31 Jun 00
HFBR-2422S	HFBR-2402 OR HFBR-2412	31-Mar-00	31 Jun 00
HFBR-2424	HFBR-2404 OR HFBR-2414	30-Jun-00	31-Dec-00
HFBR-2424B	HFBR-2404 OR HFBR-2414	31-Mar-00	31 Jun 00
HFBR-2424S	HFBR-2404 OR HFBR-2414	31-Mar-00	31 Jun 00
HFBR-2426	HFBR-2406 OR HFBR-2416	30-Jun-00	31-Dec-00
HFBR-2426B	HFBR-2406 OR HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2426S	HFBR-2406 OR HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2428	HFBR-2406 OR HFBR-	31-Mar-00	31 Jun 00



	2416		
HFBR-2428B	HFBR-2406 OR HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2428S	HFBR-2406 OR HFBR-2416	31-Mar-00	31 Jun 00
HFBR-2432C	HFBR-2402	30-Jun-00	31-Dec-00
HFBR-2434C	HFBR-2404	31-Mar-00	31 Jun 00
HFBR-2436C	HFBR-2406	31-Mar-00	31 Jun 00
HFBR-2442TC	HFBR-2412T	31-Mar-00	31 Jun 00
HFBR-2444T	HFBR-2414T	30-Jun-00	31-Dec-00
HFBR-2446T	HFBR-2416T	30-Jun-00	31-Dec-00
HFBR-2446TC	HFBR-2416T	31-Mar-00	31 Jun 00
HFBR-2452C	HFBR-2402	31-Mar-00	31 Jun 00
HFBR-2456	HFBR-2406	30-Jun-00	31-Dec-00
HFBR-2456C	HFBR-2406	31-Mar-00	31 Jun 00
HFBR-2462T	HFBR-2412T	30-Jun-00	31-Dec-00
HFBR-2464TC	HFBR-2414T	31-Mar-00	31 Jun 00
HFBR-2466	HFBR-2416	30-Jun-00	31-Dec-00
HFBR-2466T	HFBR-2416T	30-Jun-00	31-Dec-00
HFBR-24E7	HFBR-24E6	30-Jun-00	31-Dec-00
HFBR-2500	NONE	31-Mar-00	31 Jun 00
HFBR-2521B	HFBR-2521	30-Jun-00	31-Dec-00
HFBR-2522B	HFBR-2522	31-Mar-00	31 Jun 00
HFBR-2523B	HFBR-2523	31-Mar-00	31 Jun 00
HFBR-2524B	HFBR-2524	31-Mar-00	31 Jun 00
HFBR-2531B	HFBR-2531	30-Jun-00	31-Dec-00
HFBR-2532B	HFBR-2532	31-Mar-00	31 Jun 00
HFBR-2533B	HFBR-2533	31-Mar-00	31 Jun 00
HFBR-2534	HFBR-2524	30-Jun-00	31-Dec-00
HFBR-2536	HFBR-2526	30-Jun-00	31-Dec-00
HFBR-2550	NONE	30-Jun-00	31-Dec-00
HFBR-2612M	HFBR-2602	31-Mar-00	31 Jun 00
HFBR-2612T	HFBR-2602	30-Jun-00	31-Dec-00
HFBR-3000	NONE	31-Mar-00	31 Jun 00
HFBR-3000#001	NONE	31-Mar-00	31 Jun 00
HFBR-3000#002	NONE	31-Mar-00	31 Jun 00
HFBR-3000#012	NONE	31-Mar-00	31 Jun 00
HFBR-3001	NONE	31-Mar-00	31 Jun 00
HFBR-3006	NONE	31-Mar-00	31 Jun 00
HFBR-3007	NONE	31-Mar-00	31 Jun 00
HFBR-3021	NONE	31-Mar-00	31 Jun 00
HFBR-3110 #001	NONE	31-Mar-00	31 Jun 00



HFBR-3110 #002	NONE	31-Mar-00	31 Jun 00
HFBR-3900	NONE	31-Mar-00	31 Jun 00
HFBR-3950	NONE	31-Mar-00	31 Jun 00
HFBR-4412	NONE	30-Jun-00	31-Dec-00
HFBR-4414	NONE	31-Mar-00	31 Jun 00
HFBR-4415	NONE	31-Mar-00	31 Jun 00
HFBR-4420	NONE	30-Jun-00	31-Dec-00
HFBR-4509	NONE	31-Mar-00	31 Jun 00
HFBR-4512	NONE	31-Mar-00	31 Jun 00
HFBR-4519	NONE	31-Mar-00	31 Jun 00
HFBR-4523	NONE	31-Mar-00	31 Jun 00
HFBR-4525	NONE	30-Jun-00	31-Dec-00
HFBR-4526	NONE	30-Jun-00	31-Dec-00
HFBR-4527	NONE	30-Jun-00	31-Dec-00
HFBR-4584	NONE	30-Jun-00	31-Dec-00
HFBR-4594	NONE	31-Mar-00	31 Jun 00
HFBR-4596	NONE	31-Mar-00	31 Jun 00
HFBR-5101	NONE	30-Jun-00	31-Dec-00
HFBR-5102	NONE	30-Jun-00	31-Dec-00
HFBR-5104	NONE	30-Jun-00	31-Dec-00
HFBR-5104T	NONE	30-Jun-00	31-Dec-00
HFBR-5105	HFBR-5103	30-Jun-00	31-Dec-00
HFBR-5105P	HFBR-5103	30-Jun-00	31-Dec-00
HFBR-5105T	HFBR-5103	30-Jun-00	31-Dec-00
HFBR-5106	HFBR-5103	30-Jun-00	31-Dec-00
HFBR-5106T	HFBR-5103	30-Jun-00	31-Dec-00
HFBR-5107	NONE	30-Jun-00	31-Dec-00
HFBR-5107T	NONE	30-Jun-00	31-Dec-00
HFBR-5111#FDA	HFBR-5111	30-Jun-00	31-Dec-00
HFBR-5111#FDB	HFBR-5111	30-Jun-00	31-Dec-00
HFBR-5111#FDM	HFBR-5111	30-Jun-00	31-Dec-00
HFBR-5111#FDN	HFBR-5111	30-Jun-00	31-Dec-00
HFBR-5111#FDS	HFBR-5111	30-Jun-00	31-Dec-00
HFBR-5112#FDA	HFBR-5112	30-Jun-00	31-Dec-00
HFBR-5112#FDB	HFBR-5112	30-Jun-00	31-Dec-00
HFBR-5112#FDM	HFBR-5112	30-Jun-00	31-Dec-00
HFBR-5112#FDN	HFBR-5112	30-Jun-00	31-Dec-00
HFBR-5112#FDS	HFBR-5112	30-Jun-00	31-Dec-00
HFBR-5113#FDA	HFBR-5113	30-Jun-00	31-Dec-00
HFBR-5113#FDB	HFBR-5113	30-Jun-00	31-Dec-00
HFBR-5113#FDM	HFBR-5113	30-Jun-00	31-Dec-00
HFBR-5113#FDN	HFBR-5113	30-Jun-00	31-Dec-00



HFBR-5113#FDS	HFBR-5113	30-Jun-00	31-Dec-00
HFBR-5127	NONE	30-Jun-00	31-Dec-00
HFBR-5203	HFBR-	30-Jun-00	31-Dec-00
HFBR-5203T	HFBR-	30-Jun-00	31-Dec-00
HFBR-5403	NONE	30-Jun-00	31-Dec-00
HFBR-5414	HFBR-1414/HFBR-2416	30-Jun-00	31-Dec-00
HFBR-5414T	HFBR-1414T/HFBR-2416T	30-Jun-00	31-Dec-00
HFBR-54E4	HFBR-14E4/HFBR-24E4	30-Jun-00	31-Dec-00
HFBR-5527	HFBR-1527/HFBR-2526	30-Jun-00	31-Dec-00
HFBR-5603	HFBR-5601	31-Mar-00	30-Jun-00
HFBR-5604	HFBR-5602	31-Mar-00	30-Jun-00
HFBR-5605	NONE	31-Mar-00	30-Jun-00
HFBR-5606	NONE	31-Mar-00	30-Jun-00
HFBR-5607	HFBR-5601	31-Mar-00	30-Jun-00
HFBR-5608	HFBR-5602	31-Mar-00	30-Jun-00
HFBR-5609	HFBR-5601	31-Mar-00	30-Jun-00
HFBR-5610	HFBR-5602	31-Mar-00	30-Jun-00
HFBR-5612	NONE	31-Mar-00	30-Jun-00
HFBR-5626	NONE	31-Mar-00	30-Jun-00
HFBR-5912	HFBR-5912E	IMMEDIATE	NONE
HFBR-AHD000	NONE	31-Mar-00	31 Jun 00
HFBR-AUD001	NONE	31-Mar-00	31 Jun 00
HFBR-AUD020	NONE	31-Mar-00	31 Jun 00
HFBR-AUD025	NONE	31-Mar-00	31 Jun 00
HFBR-AUD050	NONE	31-Mar-00	31 Jun 00
HFBR-AUD065	NONE	31-Mar-00	31 Jun 00
HFBR-AUD075	NONE	31-Mar-00	31 Jun 00
HFBR-AUD080	NONE	31-Mar-00	31 Jun 00
HFBR-AUD100	NONE	31-Mar-00	31 Jun 00
HFBR-AUD1000	NONE	31-Mar-00	31 Jun 00
HFBR-AUD140	NONE	31-Mar-00	31 Jun 00
HFBR-AUD150	NONE	31-Mar-00	31 Jun 00
HFBR-AUD200	NONE	31-Mar-00	31 Jun 00
HFBR-AUD240	NONE	31-Mar-00	31 Jun 00
HFBR-AUD250	NONE	31-Mar-00	31 Jun 00
HFBR-AUD300	NONE	31-Mar-00	31 Jun 00
HFBR-AUD370	NONE	31-Mar-00	31 Jun 00
HFBR-AUD400	NONE	31-Mar-00	31 Jun 00
HFBR-AUD430	NONE	31-Mar-00	31 Jun 00
HFBR-AUD500	NONE	31-Mar-00	31 Jun 00
HFBR-AUD610	NONE	31-Mar-00	31 Jun 00



HFBR-AUD700	NONE	31-Mar-00	31 Jun 00
HFBR-AUS001	NONE	31-Mar-00	31 Jun 00
HFBR-AUS005	NONE	31-Mar-00	31 Jun 00
HFBR-AUS006	NONE	31-Mar-00	31 Jun 00
HFBR-AUS010	NONE	31-Mar-00	31 Jun 00
HFBR-AUS026	NONE	31-Mar-00	31 Jun 00
HFBR-AUS030	NONE	31-Mar-00	31 Jun 00
HFBR-AUS050	NONE	31-Mar-00	31 Jun 00
HFBR-AUS068	NONE	31-Mar-00	31 Jun 00
HFBR-AUS075	NONE	31-Mar-00	31 Jun 00
HFBR-AUS080	NONE	31-Mar-00	31 Jun 00
HFBR-AUS120	NONE	31-Mar-00	31 Jun 00
HFBR-AUS150	NONE	31-Mar-00	31 Jun 00
HFBR-AUS1KM	NONE	31-Mar-00	31 Jun 00
HFBR-AUS200	NONE	31-Mar-00	31 Jun 00
HFBR-AUS300	NONE	31-Mar-00	31 Jun 00
HFBR-AUS400	NONE	31-Mar-00	31 Jun 00
HFBR-AUS485	NONE	31-Mar-00	31 Jun 00
HFBR-AUS500	NONE	31-Mar-00	31 Jun 00
HFBR-AUS600	NONE	31-Mar-00	31 Jun 00
HFBR-AUS750	NONE	31-Mar-00	31 Jun 00
HFBR-AUS800	NONE	31-Mar-00	31 Jun 00
HFBR-AWD000	NONE	31-Mar-00	31 Jun 00
HFBR-AWD003	NONE	31-Mar-00	31 Jun 00
HFBR-AWD004	NONE	31-Mar-00	31 Jun 00
HFBR-AWD006	NONE	31-Mar-00	31 Jun 00
HFBR-AWD007	NONE	31-Mar-00	31 Jun 00
HFBR-AWD008	NONE	31-Mar-00	31 Jun 00
HFBR-AWD012	NONE	31-Mar-00	31 Jun 00
HFBR-AWD017	NONE	31-Mar-00	31 Jun 00
HFBR-AWD020	NONE	31-Mar-00	31 Jun 00
HFBR-AWD021	NONE	31-Mar-00	31 Jun 00
HFBR-AWD034	NONE	31-Mar-00	31 Jun 00
HFBR-AWD040	NONE	31-Mar-00	31 Jun 00
HFBR-AWD045	NONE	31-Mar-00	31 Jun 00
HFBR-AWD055	NONE	31-Mar-00	31 Jun 00
HFBR-AWD060	NONE	31-Mar-00	31 Jun 00
HFBR-AWD064	NONE	31-Mar-00	31 Jun 00
HFBR-AWD070	NONE	31-Mar-00	31 Jun 00
HFBR-AWD075	NONE	31-Mar-00	31 Jun 00
HFBR-AWD092	NONE	31-Mar-00	31 Jun 00
HFBR-AWD100	NONE	30-Jun-00	31-Dec-00



HFBR-AWD106	NONE	31-Mar-00	31 Jun 00
HFBR-AWD110	NONE	31-Mar-00	31 Jun 00
HFBR-AWD115	NONE	31-Mar-00	31 Jun 00
HFBR-AWD120	NONE	31-Mar-00	31 Jun 00
HFBR-AWD122	NONE	31-Mar-00	31 Jun 00
HFBR-AWD125	NONE	30-Jun-00	31-Dec-00
HFBR-AWD130	NONE	31-Mar-00	31 Jun 00
HFBR-AWD140	NONE	31-Mar-00	31 Jun 00
HFBR-AWD150	NONE	31-Mar-00	31 Jun 00
HFBR-AWD160	NONE	31-Mar-00	31 Jun 00
HFBR-AWD165	NONE	31-Mar-00	31 Jun 00
HFBR-AWD186	NONE	31-Mar-00	31 Jun 00
HFBR-AWD1K5	NONE	31-Mar-00	31 Jun 00
HFBR-AWD1KM	NONE	31-Mar-00	31 Jun 00
HFBR-AWD200	NONE	30-Jun-00	31-Dec-00
HFBR-AWD214	NONE	31-Mar-00	31 Jun 00
HFBR-AWD220	NONE	30-Jun-00	31-Dec-00
HFBR-AWD250	NONE	30-Jun-00	31-Dec-00
HFBR-AWD280	NONE	31-Mar-00	31 Jun 00
HFBR-AWD295	NONE	31-Mar-00	31 Jun 00
HFBR-AWD2KM	NONE	31-Mar-00	31 Jun 00
HFBR-AWD300	NONE	31-Mar-00	31 Jun 00
HFBR-AWD350	NONE	31-Mar-00	31 Jun 00
HFBR-AWD400	NONE	31-Mar-00	31 Jun 00
HFBR-AWD428	NONE	31-Mar-00	31 Jun 00
HFBR-AWD450	NONE	31-Mar-00	31 Jun 00
HFBR-AWD500	NONE	30-Jun-00	31-Dec-00
HFBR-AWD560	NONE	31-Mar-00	31 Jun 00
HFBR-AWD650	NONE	31-Mar-00	31 Jun 00
HFBR-AWD667	NONE	31-Mar-00	31 Jun 00
HFBR-AWD730	NONE	31-Mar-00	31 Jun 00
HFBR-AWD750	NONE	31-Mar-00	31 Jun 00
HFBR-AWD800	NONE	31-Mar-00	31 Jun 00
HFBR-AWD900	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ000	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ001	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ002	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ005	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ015	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ020	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ025	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ030	NONE	30-Jun-00	31-Dec-00



HFBR-AWQ035	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ040	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ045	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ050	NONE	30-Jun-00	31-Dec-00
HFBR-AWQ075	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ100	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ125	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ150	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ175	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ200	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ250	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ300	NONE	31-Mar-00	31 Jun 00
HFBR-AWQ350	NONE	31-Mar-00	31 Jun 00
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HFBR-AWS005	NONE	30-Jun-00	31-Dec-00
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HFBR-AWS009	NONE	31-Mar-00	31 Jun 00
HFBR-AWS010	NONE	30-Jun-00	31-Dec-00
HFBR-AWS011	NONE	31-Mar-00	31 Jun 00
HFBR-AWS012	NONE	31-Mar-00	31 Jun 00
HFBR-AWS013	NONE	31-Mar-00	31 Jun 00
HFBR-AWS015	NONE	31-Mar-00	31 Jun 00
HFBR-AWS016	NONE	31-Mar-00	31 Jun 00
HFBR-AWS022	NONE	31-Mar-00	31 Jun 00
HFBR-AWS031	NONE	31-Mar-00	31 Jun 00
HFBR-AWS032	NONE	31-Mar-00	31 Jun 00
HFBR-AWS034	NONE	31-Mar-00	31 Jun 00
HFBR-AWS035	NONE	31-Mar-00	31 Jun 00
HFBR-AWS037	NONE	31-Mar-00	31 Jun 00
HFBR-AWS039	NONE	31-Mar-00	31 Jun 00
HFBR-AWS041	NONE	31-Mar-00	31 Jun 00
HFBR-AWS045	NONE	31-Mar-00	31 Jun 00
HFBR-AWS051	NONE	31-Mar-00	31 Jun 00
HFBR-AWS054	NONE	31-Mar-00	31 Jun 00



HFBR-AWS055	NONE	31-Mar-00	31 Jun 00
HFBR-AWS059	NONE	31-Mar-00	31 Jun 00
HFBR-AWS060	NONE	31-Mar-00	31 Jun 00
HFBR-AWS061	NONE	31-Mar-00	31 Jun 00
HFBR-AWS065	NONE	31-Mar-00	31 Jun 00
HFBR-AWS070	NONE	31-Mar-00	31 Jun 00
HFBR-AWS075	NONE	31-Mar-00	31 Jun 00
HFBR-AWS077	NONE	31-Mar-00	31 Jun 00
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HFBR-AWS160	NONE	31-Mar-00	31 Jun 00
HFBR-AWS180	NONE	31-Mar-00	31 Jun 00
HFBR-AWS1K5	NONE	31-Mar-00	31 Jun 00
HFBR-AWS1KM	NONE	31-Mar-00	31 Jun 00
HFBR-AWS200	NONE	31-Mar-00	31 Jun 00
HFBR-AWS205	NONE	31-Mar-00	31 Jun 00
HFBR-AWS222	NONE	31-Mar-00	31 Jun 00
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HFBR-AWS2KM	NONE	31-Mar-00	31 Jun 00
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HFBR-AWS3DM	NONE	31-Mar-00	31 Jun 00
HFBR-AWS400	NONE	31-Mar-00	31 Jun 00
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HFBR-AWS5DM	NONE	31-Mar-00	31 Jun 00
HFBR-AWS6DM	NONE	31-Mar-00	31 Jun 00
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HFBR-AXD005	NONE	31-Mar-00	31 Jun 00
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HFBR-AXD010	NONE	30-Jun-00	31-Dec-00
HFBR-AXD015	NONE	31-Mar-00	31 Jun 00
HFBR-AXD016	NONE	31-Mar-00	31 Jun 00
HFBR-AXD020	NONE	31-Mar-00	31 Jun 00



HFBR-AXD024	NONE	31-Mar-00	31 Jun 00
HFBR-AXD025	NONE	31-Mar-00	31 Jun 00
HFBR-AXD032	NONE	31-Mar-00	31 Jun 00
HFBR-AXD035	NONE	31-Mar-00	31 Jun 00
HFBR-AXD036	NONE	31-Mar-00	31 Jun 00
HFBR-AXD040	NONE	31-Mar-00	31 Jun 00
HFBR-AXD045	NONE	31-Mar-00	31 Jun 00
HFBR-AXD060	NONE	31-Mar-00	31 Jun 00
HFBR-AXD070	NONE	31-Mar-00	31 Jun 00
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HFBR-AXS007	NONE	31-Mar-00	31 Jun 00
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HFBR-AXS015	NONE	31-Mar-00	31 Jun 00
HFBR-AXS025	NONE	31-Mar-00	31 Jun 00
HFBR-AXS026	NONE	31-Mar-00	31 Jun 00
HFBR-AXS027	NONE	31-Mar-00	31 Jun 00
HFBR-AXS029	NONE	31-Mar-00	31 Jun 00
HFBR-AXS032	NONE	31-Mar-00	31 Jun 00
HFBR-AXS034	NONE	31-Mar-00	31 Jun 00



HFBR-AXS035	NONE	31-Mar-00	31 Jun 00
HFBR-AXS038	NONE	31-Mar-00	31 Jun 00
HFBR-AXS039	NONE	31-Mar-00	31 Jun 00
HFBR-AXS040	NONE	31-Mar-00	31 Jun 00
HFBR-AXS042	NONE	31-Mar-00	31 Jun 00
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HFBR-AXS045	NONE	31-Mar-00	31 Jun 00
HFBR-AXS054	NONE	31-Mar-00	31 Jun 00
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HFBR-AXS078	NONE	31-Mar-00	31 Jun 00
HFBR-AXS080	NONE	31-Mar-00	31 Jun 00
HFBR-AXS122	NONE	31-Mar-00	31 Jun 00
HFBR-AXS125	NONE	31-Mar-00	31 Jun 00
HFBR-AXS1DM	NONE	31-Mar-00	31 Jun 00
HFBR-AXS300	NONE	31-Mar-00	31 Jun 00
HFBR-AXS500	NONE	31-Mar-00	31 Jun 00
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HFBR-AZD002	NONE	31-Mar-00	31 Jun 00
HFBR-AZD003	NONE	31-Mar-00	31 Jun 00
HFBR-AZD006	NONE	31-Mar-00	31 Jun 00
HFBR-AZD015	NONE	31-Mar-00	31 Jun 00
HFBR-AZD016	NONE	31-Mar-00	31 Jun 00
HFBR-AZD018	NONE	31-Mar-00	31 Jun 00
HFBR-AZD020	NONE	31-Mar-00	31 Jun 00
HFBR-AZD022	NONE	31-Mar-00	31 Jun 00
HFBR-AZD023	NONE	31-Mar-00	31 Jun 00
HFBR-AZD040	NONE	31-Mar-00	31 Jun 00
HFBR-AZD050	NONE	31-Mar-00	31 Jun 00



HFBR-AZD060	NONE	31-Mar-00	31 Jun 00
HFBR-AZD100	NONE	31-Mar-00	31 Jun 00
HFBR-AZD148	NONE	31-Mar-00	31 Jun 00
HFBR-AZD230	NONE	31-Mar-00	31 Jun 00
HFBR-AZS000	NONE	31-Mar-00	31 Jun 00
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HFBR-AZS002	NONE	31-Mar-00	31 Jun 00
HFBR-AZS004	NONE	31-Mar-00	31 Jun 00
HFBR-AZS007	NONE	31-Mar-00	31 Jun 00
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HFBR-AZS020	NONE	31-Mar-00	31 Jun 00
HFBR-AZS030	NONE	31-Mar-00	31 Jun 00
HFBR-AZS100	NONE	31-Mar-00	31 Jun 00
HFBR-AZS5DM	NONE	31-Mar-00	31 Jun 00
HFBR-BFD001	NONE	31-Mar-00	31 Jun 00
HFBR-BFD010	NONE	31-Mar-00	31 Jun 00
HFBR-BKD001	NONE	30-Jun-00	31-Dec-00
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HFBR-BKD010	NONE	30-Jun-00	31-Dec-00
HFBR-BKD020	NONE	31-Mar-00	31 Jun 00
HFBR-BKD030	NONE	31-Mar-00	31 Jun 00
HFBR-BKS000	NONE	31-Mar-00	31 Jun 00
HFBR-BKS010	NONE	31-Mar-00	31 Jun 00
HFBR-BUD001	NONE	31-Mar-00	31 Jun 00
HFBR-BUD100	NONE	31-Mar-00	31 Jun 00
HFBR-BUS1K5	NONE	31-Mar-00	31 Jun 00
HFBR-BUS500	NONE	31-Mar-00	31 Jun 00
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HFBR-BWD030	NONE	31-Mar-00	31 Jun 00
HFBR-BWD060	NONE	31-Mar-00	31 Jun 00
HFBR-BWD065	NONE	31-Mar-00	31 Jun 00
HFBR-BWD067	NONE	31-Mar-00	31 Jun 00
HFBR-BWD068	NONE	31-Mar-00	31 Jun 00
HFBR-BWD069	NONE	31-Mar-00	31 Jun 00
HFBR-BWD070	NONE	31-Mar-00	31 Jun 00
HFBR-BWD071	NONE	31-Mar-00	31 Jun 00
HFBR-BWD074	NONE	31-Mar-00	31 Jun 00
HFBR-BWD075	NONE	31-Mar-00	31 Jun 00



HFBR-BWD079	NONE	31-Mar-00	31 Jun 00
HFBR-BWS000	NONE	31-Mar-00	31 Jun 00
HFBR-BWS001	NONE	31-Mar-00	31 Jun 00
HFBR-BWS003	NONE	31-Mar-00	31 Jun 00
HFBR-BWS005	NONE	31-Mar-00	31 Jun 00
HFBR-BWS012	NONE	31-Mar-00	31 Jun 00
HFBR-BWS013	NONE	31-Mar-00	31 Jun 00
HFBR-BWS014	NONE	31-Mar-00	31 Jun 00
HFBR-BWS017	NONE	31-Mar-00	31 Jun 00
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HFBR-BWS019	NONE	31-Mar-00	31 Jun 00
HFBR-BWS020	NONE	31-Mar-00	31 Jun 00
HFBR-BWS030	NONE	31-Mar-00	31 Jun 00
HFBR-BWS035	NONE	31-Mar-00	31 Jun 00
HFBR-BWS039	NONE	31-Mar-00	31 Jun 00
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HFBR-BWS049	NONE	31-Mar-00	31 Jun 00
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HFBR-BXD021	NONE	30-Jun-00	31-Dec-00
HFBR-BXD026	NONE	31-Mar-00	31 Jun 00
HFBR-BXD027	NONE	31-Mar-00	31 Jun 00
HFBR-BXD032	NONE	31-Mar-00	31 Jun 00
HFBR-BXD038	NONE	31-Mar-00	31 Jun 00
HFBR-BXD040	NONE	31-Mar-00	31 Jun 00
HFBR-BXD050	NONE	31-Mar-00	31 Jun 00
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HFBR-BXD100	NONE	31-Mar-00	31 Jun 00
HFBR-BXD150	NONE	31-Mar-00	31 Jun 00
HFBR-BXD1K1	NONE	31-Mar-00	31 Jun 00
HFBR-BXD1K8	NONE	31-Mar-00	31 Jun 00



HFBR-BXD1KM	NONE	31-Mar-00	31 Jun 00
HFBR-BXD300	NONE	31-Mar-00	31 Jun 00
HFBR-BXD340	NONE	31-Mar-00	31 Jun 00
HFBR-BXS005	NONE	30-Jun-00	31-Dec-00
HFBR-BXS012	NONE	31-Mar-00	31 Jun 00
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HFBR-BXS030	NONE	31-Mar-00	31 Jun 00
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HFBR-BXS1K2	NONE	31-Mar-00	31 Jun 00
HFBR-BXS200	NONE	31-Mar-00	31 Jun 00
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HFBR-DWD055	NONE	31-Mar-00	31 Jun 00
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HFBR-DWD064	NONE	31-Mar-00	31 Jun 00
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HFBR-DWD100	NONE	31-Mar-00	31 Jun 00
HFBR-DWD122	NONE	31-Mar-00	31 Jun 00
HFBR-DWDXXX	NONE	31-Mar-00	31 Jun 00
HFBR-DWS000	NONE	31-Mar-00	31 Jun 00



HFBR-DWS060	NONE	31-Mar-00	31 Jun 00
HFBR-DWS074	NONE	31-Mar-00	31 Jun 00
HFBR-ELD000	NONE	31-Mar-00	31 Jun 00
HFBR-ELD050	NONE	31-Mar-00	31 Jun 00
HFBR-ELS001	NONE	30-Jun-00	31-Dec-00
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HFBR-ELS060	NONE	30-Jun-00	31-Dec-00
HFBR-ELS15D	NONE	30-Jun-00	31-Dec-00
HFBR-ELS25D	NONE	30-Jun-00	31-Dec-00
HFBR-ELS27D	NONE	31-Mar-00	31 Jun 00
HFBR-ELS2DM	NONE	30-Jun-00	31-Dec-00
HFBR-ELS5DM	NONE	30-Jun-00	31-Dec-00
HFBR-EMD000	NONE	31-Mar-00	31 Jun 00
HFBR-EMD001	NONE	30-Jun-00	31-Dec-00
HFBR-EMD002	NONE	30-Jun-00	31-Dec-00
HFBR-EMD005	NONE	30-Jun-00	31-Dec-00
HFBR-EMD010	NONE	30-Jun-00	31-Dec-00
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HFBR-EMD050	NONE	30-Jun-00	31-Dec-00
HFBR-EMD060	NONE	31-Mar-00	31 Jun 00
HFBR-EMD100	NONE	31-Mar-00	31 Jun 00
HFBR-EMD5DM	NONE	31-Mar-00	31 Jun 00
HFBR-EMS000	NONE	31-Mar-00	31 Jun 00
HFBR-END001	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END002	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END003	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END005	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END006	HFBR-END035	30-Jun-00	31-Dec-00



HFBR-END010	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END020	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END025	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END030	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END042	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END044	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END045	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END050	HFBR-END035	30-Jun-00	31-Dec-00
HFBR-END080	HFBR-END035	31-Mar-00	31 Jun 00
HFBR-END2DM	HFBR-END035	31-Mar-00	31 Jun 00
HFBR-ENS000	NONE	31-Mar-00	31 Jun 00
HFBR-ENS001	NONE	30-Jun-00	31-Dec-00
HFBR-ENS002	NONE	30-Jun-00	31-Dec-00
HFBR-ENS003	NONE	30-Jun-00	31-Dec-00
HFBR-ENS005	NONE	30-Jun-00	31-Dec-00
HFBR-ENS010	NONE	30-Jun-00	31-Dec-00
HFBR-ENS015	NONE	30-Jun-00	31-Dec-00
HFBR-ENS019	NONE	31-Mar-00	31 Jun 00
HFBR-ENS020	NONE	30-Jun-00	31-Dec-00
HFBR-ENS030	NONE	30-Jun-00	31-Dec-00
HFBR-ENS040	NONE	31-Mar-00	31 Jun 00
HFBR-ENS050	NONE	30-Jun-00	31-Dec-00
HFBR-ENS055	NONE	31-Mar-00	31 Jun 00
HFBR-ENS060	NONE	31-Mar-00	31 Jun 00
HFBR-ENS076	NONE	31-Mar-00	31 Jun 00
HFBR-ENS100	NONE	31-Mar-00	31 Jun 00
HFBR-ENS15D	NONE	30-Jun-00	31-Dec-00
HFBR-ENS17D	NONE	30-Jun-00	31-Dec-00
HFBR-ENS24D	NONE	30-Jun-00	31-Dec-00
HFBR-ENS25D	NONE	30-Jun-00	31-Dec-00
HFBR-ENS3DM	NONE	30-Jun-00	31-Dec-00
HFBR-ENS5DM	NONE	30-Jun-00	31-Dec-00
HFBR-ETD000	NONE	31-Mar-00	31 Jun 00
HFBR-ETD001	NONE	30-Jun-00	31-Dec-00
HFBR-ETD004	NONE	30-Jun-00	31-Dec-00
HFBR-ETD005	NONE	30-Jun-00	31-Dec-00
HFBR-ETD007	NONE	30-Jun-00	31-Dec-00
HFBR-ETD010	NONE	30-Jun-00	31-Dec-00
HFBR-ETD015	NONE	30-Jun-00	31-Dec-00
HFBR-ETD020	NONE	30-Jun-00	31-Dec-00
HFBR-ETD025	NONE	30-Jun-00	31-Dec-00
HFBR-ETD030	NONE	31-Mar-00	31 Jun 00



HFBR-ETD040	NONE	31-Mar-00	31 Jun 00
HFBR-ETD050	NONE	31-Mar-00	31 Jun 00
HFBR-ETD15D	NONE	30-Jun-00	31-Dec-00
HFBR-ETD1D8	NONE	30-Jun-00	31-Dec-00
HFBR-ETD28D	NONE	31-Mar-00	31 Jun 00
HFBR-ETD43D	NONE	31-Mar-00	31 Jun 00
HFBR-ETD56D	NONE	31-Mar-00	31 Jun 00
HFBR-ETD5DM	NONE	30-Jun-00	31-Dec-00
HFBR-ETD6DM	NONE	30-Jun-00	31-Dec-00
HFBR-ETS000	NONE	31-Mar-00	31 Jun 00
HFBR-EUD001	HFBR-EUD500	31-Mar-00	31 Jun 00
HFBR-EUD003	HFBR-EUD500	31-Mar-00	31 Jun 00
HFBR-EUD010	HFBR-EUD500	30-Jun-00	31-Dec-00
HFBR-EUD020	HFBR-EUD500	31-Mar-00	31 Jun 00
HFBR-EUD025	HFBR-EUD500	30-Jun-00	31-Dec-00
HFBR-EUD030	HFBR-EUD500	31-Mar-00	31 Jun 00
HFBR-EUD070	HFBR-EUD500	30-Jun-00	31-Dec-00
HFBR-EUD100	HFBR-EUD500	30-Jun-00	31-Dec-00
HFBR-EUD200	HFBR-EUD500	31-Mar-00	31 Jun 00
HFBR-EUS002	HFBR-EUS100	30-Jun-00	31-Dec-00
HFBR-EUS020	HFBR-EUS100	31-Mar-00	31 Jun 00
HFBR-EUS025	HFBR-EUS100	30-Jun-00	31-Dec-00
HFBR-EUS050	HFBR-EUS100	30-Jun-00	31-Dec-00
HFBR-EUS1KM	HFBR-EUS500	31-Mar-00	31 Jun 00
HFBR-EUS250	HFBR-EUS500	31-Mar-00	31 Jun 00
HFBR-EXDYYY	NONE	31-Mar-00	31 Jun 00
HFBR-EXSYYY	NONE	31-Mar-00	31 Jun 00
HFBR-HND15D	NONE	30-Jun-00	31-Dec-00
HFBR-HND15N	NONE	30-Jun-00	31-Dec-00
HFBR-HNS000	NONE	31-Mar-00	31 Jun 00
HFBR-HNS005	NONE	31-Mar-00	31 Jun 00
HFBR-HNS035	NONE	31-Mar-00	31 Jun 00
HFBR-HNS040	NONE	31-Mar-00	31 Jun 00
HFBR-HNS075	NONE	30-Jun-00	31-Dec-00
HFBR-HNS100	NONE	30-Jun-00	31-Dec-00
HFBR-HNS140	NONE	31-Mar-00	31 Jun 00
HFBR-HNS150	NONE	31-Mar-00	31 Jun 00
HFBR-HNS150	NONE	30-Jun-00	31-Dec-00
HFBR-HUD000	NONE	31-Mar-00	31 Jun 00
HFBR-HUD001	NONE	30-Jun-00	31-Dec-00
HFBR-HUD500	NONE	30-Jun-00	31-Dec-00
HFBR-HUS000	NONE	31-Mar-00	31 Jun 00



HFBR-HUS002	NONE	30-Jun-00	31-Dec-00
HFBR-HUS003	NONE	31-Mar-00	31 Jun 00
HFBR-HUS500	NONE	30-Jun-00	31-Dec-00
HFBR-J00B	NONE	30-Jun-00	31-Dec-00
HFBR-J00M	NONE	30-Jun-00	31-Dec-00
HFBR-J00S	NONE	30-Jun-00	31-Dec-00
HFBR-PLD000	NONE	31-Mar-00	31 Jun 00
HFBR-PLD001	NONE	31-Mar-00	31 Jun 00
HFBR-PLD002	NONE	31-Mar-00	31 Jun 00
HFBR-PLD003	NONE	31-Mar-00	31 Jun 00
HFBR-PLD005	NONE	31-Mar-00	31 Jun 00
HFBR-PLD010	NONE	31-Mar-00	31 Jun 00
HFBR-PLD020	NONE	31-Mar-00	31 Jun 00
HFBR-PLD030	NONE	31-Mar-00	31 Jun 00
HFBR-PLD045	NONE	31-Mar-00	31 Jun 00
HFBR-PLD060	NONE	31-Mar-00	31 Jun 00
HFBR-PLD1DM	NONE	31-Mar-00	31 Jun 00
HFBR-PLD5DM	NONE	31-Mar-00	31 Jun 00
HFBR-PLDXXX	NONE	31-Mar-00	31 Jun 00
HFBR-PLS000	NONE	31-Mar-00	31 Jun 00
HFBR-PLS0002	NONE	31-Mar-00	31 Jun 00
HFBR-PLS001	NONE	30-Jun-00	31-Dec-00
HFBR-PLS002	NONE	30-Jun-00	31-Dec-00
HFBR-PLS003	NONE	30-Jun-00	31-Dec-00
HFBR-PLS004	NONE	30-Jun-00	31-Dec-00
HFBR-PLS005	NONE	30-Jun-00	31-Dec-00
HFBR-PLS006	NONE	30-Jun-00	31-Dec-00
HFBR-PLS007	NONE	30-Jun-00	31-Dec-00
HFBR-PLS008	NONE	30-Jun-00	31-Dec-00
HFBR-PLS010	NONE	30-Jun-00	31-Dec-00
HFBR-PLS012	NONE	30-Jun-00	31-Dec-00
HFBR-PLS013	NONE	31-Mar-00	31 Jun 00
HFBR-PLS015	NONE	31-Mar-00	31 Jun 00
HFBR-PLS020	NONE	30-Jun-00	31-Dec-00
HFBR-PLS025	NONE	31-Mar-00	31 Jun 00
HFBR-PLS030	NONE	30-Jun-00	31-Dec-00
HFBR-PLS040	NONE	31-Mar-00	31 Jun 00
HFBR-PLS045	NONE	31-Mar-00	31 Jun 00
HFBR-PLS060	NONE	30-Jun-00	31-Dec-00
HFBR-PLS100	NONE	30-Jun-00	31-Dec-00
HFBR-PLS10DM	NONE	31-Mar-00	31 Jun 00
HFBR-PLS13D	NONE	31-Mar-00	31 Jun 00



HFBR-PLS13DM	NONE	31-Mar-00	31 Jun 00
HFBR-PLS1D3	NONE	31-Mar-00	31 Jun 00
HFBR-PLS1DM	NONE	30-Jun-00	31-Dec-00
HFBR-PLS27D	NONE	31-Mar-00	31 Jun 00
HFBR-PLS500	NONE	30-Jun-00	31-Dec-00
HFBR-PLS5DM	NONE	30-Jun-00	31-Dec-00
HFBR-PMD001	HFBR-PMD003	30-Jun-00	31-Dec-00
HFBR-PMD002	HFBR-PMD003	30-Jun-00	31-Dec-00
HFBR-PMD004	NONE	30-Jun-00	31-Dec-00
HFBR-PMD005	NONE	30-Jun-00	31-Dec-00
HFBR-PMD006	NONE	31-Mar-00	31 Jun 00
HFBR-PMD007	NONE	31-Mar-00	31 Jun 00
HFBR-PMD008	NONE	31-Mar-00	31 Jun 00
HFBR-PMD010	NONE	30-Jun-00	31-Dec-00
HFBR-PMD012	NONE	31-Mar-00	31 Jun 00
HFBR-PMD015	NONE	31-Mar-00	31 Jun 00
HFBR-PMD016	NONE	31-Mar-00	31 Jun 00
HFBR-PMD020	NONE	30-Jun-00	31-Dec-00
HFBR-PMD023	NONE	31-Mar-00	31 Jun 00
HFBR-PMD025	NONE	31-Mar-00	31 Jun 00
HFBR-PMD030	NONE	30-Jun-00	31-Dec-00
HFBR-PMD036	NONE	31-Mar-00	31 Jun 00
HFBR-PMD045	NONE	31-Mar-00	31 Jun 00
HFBR-PMD050	NONE	31-Mar-00	31 Jun 00
HFBR-PMD052	NONE	31-Mar-00	31 Jun 00
HFBR-PMD060	NONE	30-Jun-00	31-Dec-00
HFBR-PMD070	NONE	31-Mar-00	31 Jun 00
HFBR-PMD075	NONE	31-Mar-00	31 Jun 00
HFBR-PMD12D	NONE	31-Mar-00	31 Jun 00
HFBR-PMD14D	NONE	31-Mar-00	31 Jun 00
HFBR-PMD150	NONE	31-Mar-00	31 Jun 00
HFBR-PMD15D	NONE	31-Mar-00	31 Jun 00
HFBR-PMD1DM	NONE	31-Mar-00	31 Jun 00
HFBR-PMD5DM	NONE	30-Jun-00	31-Dec-00
HFBR-PND000	NONE	31-Mar-00	31 Jun 00
HFBR-PND001	NONE	30-Jun-00	31-Dec-00
HFBR-PND002	NONE	30-Jun-00	31-Dec-00
HFBR-PND003	NONE	30-Jun-00	31-Dec-00
HFBR-PND004	NONE	31-Mar-00	31 Jun 00
HFBR-PND005	NONE	30-Jun-00	31-Dec-00
HFBR-PND006	NONE	31-Mar-00	31 Jun 00
HFBR-PND007	NONE	31-Mar-00	31 Jun 00



HFBR-PND008	NONE	31-Mar-00	31 Jun 00
HFBR-PND009	NONE	31-Mar-00	31 Jun 00
HFBR-PND010	NONE	30-Jun-00	31-Dec-00
HFBR-PND012	NONE	31-Mar-00	31 Jun 00
HFBR-PND015	NONE	31-Mar-00	31 Jun 00
HFBR-PND020	NONE	30-Jun-00	31-Dec-00
HFBR-PND025	NONE	31-Mar-00	31 Jun 00
HFBR-PND030	NONE	30-Jun-00	31-Dec-00
HFBR-PND040	NONE	31-Mar-00	31 Jun 00
HFBR-PND045	NONE	30-Jun-00	31-Dec-00
HFBR-PND050	NONE	31-Mar-00	31 Jun 00
HFBR-PND055	NONE	31-Mar-00	31 Jun 00
HFBR-PND060	NONE	30-Jun-00	31-Dec-00
HFBR-PND070	NONE	31-Mar-00	31 Jun 00
HFBR-PND100	NONE	31-Mar-00	31 Jun 00
HFBR-PND200	NONE	31-Mar-00	31 Jun 00
HFBR-PND500	NONE	31-Mar-00	31 Jun 00
HFBR-PND5DM	NONE	30-Jun-00	31-Dec-00
HFBR-PNS000	NONE	31-Mar-00	31 Jun 00
HFBR-PNS001	NONE	30-Jun-00	31-Dec-00
HFBR-PNS002	NONE	30-Jun-00	31-Dec-00
HFBR-PNS003	NONE	30-Jun-00	31-Dec-00
HFBR-PNS004	NONE	30-Jun-00	31-Dec-00
HFBR-PNS005	NONE	30-Jun-00	31-Dec-00
HFBR-PNS006	NONE	30-Jun-00	31-Dec-00
HFBR-PNS007	NONE	31-Mar-00	31 Jun 00
HFBR-PNS008	NONE	30-Jun-00	31-Dec-00
HFBR-PNS009	NONE	31-Mar-00	31 Jun 00
HFBR-PNS010	NONE	30-Jun-00	31-Dec-00
HFBR-PNS012	NONE	31-Mar-00	31 Jun 00
HFBR-PNS013	NONE	31-Mar-00	31 Jun 00
HFBR-PNS015	NONE	31-Mar-00	31 Jun 00
HFBR-PNS019	NONE	31-Mar-00	31 Jun 00
HFBR-PNS020	NONE	30-Jun-00	31-Dec-00
HFBR-PNS025	NONE	30-Jun-00	31-Dec-00
HFBR-PNS030	NONE	30-Jun-00	31-Dec-00
HFBR-PNS045	NONE	30-Jun-00	31-Dec-00
HFBR-PNS050	NONE	31-Mar-00	31 Jun 00
HFBR-PNS060	NONE	30-Jun-00	31-Dec-00
HFBR-PNS077	NONE	31-Mar-00	31 Jun 00
HFBR-PNS100	NONE	31-Mar-00	31 Jun 00
HFBR-PNS13D	NONE	31-Mar-00	31 Jun 00



HFBR-PNS15D	NONE	31-Mar-00	31 Jun 00
HFBR-PNS1D3	NONE	30-Jun-00	31-Dec-00
HFBR-PNS1DM	NONE	30-Jun-00	31-Dec-00
HFBR-PNS200	NONE	31-Mar-00	31 Jun 00
HFBR-PNS25D	NONE	31-Mar-00	31 Jun 00
HFBR-PNS27D	NONE	31-Mar-00	31 Jun 00
HFBR-PNS2DM	NONE	30-Jun-00	31-Dec-00
HFBR-PNS300	NONE	31-Mar-00	31 Jun 00
HFBR-PNS3DM	NONE	30-Jun-00	31-Dec-00
HFBR-PNS500	NONE	31-Mar-00	31 Jun 00
HFBR-PNS5DM	NONE	30-Jun-00	31-Dec-00
HFBR-PNS600	NONE	31-Mar-00	31 Jun 00
HFBR-PNS7DM	NONE	31-Mar-00	31 Jun 00
HFBR-PTD000	NONE	31-Mar-00	31 Jun 00
HFBR-PTD001	NONE	30-Jun-00	31-Dec-00
HFBR-PTD002	NONE	31-Mar-00	31 Jun 00
HFBR-PTD003	NONE	31-Mar-00	31 Jun 00
HFBR-PTD003	NONE	30-Jun-00	31-Dec-00
HFBR-PTD004	NONE	31-Mar-00	31 Jun 00
HFBR-PTD005	NONE	30-Jun-00	31-Dec-00
HFBR-PTD010	NONE	30-Jun-00	31-Dec-00
HFBR-PTD013	NONE	31-Mar-00	31 Jun 00
HFBR-PTD015	NONE	31-Mar-00	31 Jun 00
HFBR-PTD020	NONE	30-Jun-00	31-Dec-00
HFBR-PTD030	NONE	31-Mar-00	31 Jun 00
HFBR-PTD040	NONE	31-Mar-00	31 Jun 00
HFBR-PTD045	NONE	30-Jun-00	31-Dec-00
HFBR-PTD060	NONE	31-Mar-00	31 Jun 00
HFBR-PTD10DM	NONE	31-Mar-00	31 Jun 00
HFBR-PTD13D	NONE	31-Mar-00	31 Jun 00
HFBR-PTD13DM	NONE	31-Mar-00	31 Jun 00
HFBR-PTD15D	NONE	31-Mar-00	31 Jun 00
HFBR-PTD28D	NONE	31-Mar-00	31 Jun 00
HFBR-PTD4DM	NONE	31-Mar-00	31 Jun 00
HFBR-PTD5DM	NONE	30-Jun-00	31-Dec-00
HFBR-PTDXXX	NONE	31-Mar-00	31 Jun 00
HFBR-PUD001	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD002	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD005	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD010	HFBR-PUD100	30-Jun-00	31-Dec-00
HFBR-PUD015	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD020	HFBR-PUD100	31-Mar-00	31 Jun 00



HFBR-PUD025	HFBR-PUD100	30-Jun-00	31-Dec-00
HFBR-PUD050	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD055	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD060	HFBR-PUD100	31-Mar-00	31 Jun 00
HFBR-PUD150	HFBR-PUD500	31-Mar-00	31 Jun 00
HFBR-PUD1KM	NONE	31-Mar-00	31 Jun 00
HFBR-PUD200	HFBR-PUD500	31-Mar-00	31 Jun 00
HFBR-PUD250	HFBR-PUD500	31-Mar-00	31 Jun 00
HFBR-PUD400	HFBR-PUD500	31-Mar-00	31 Jun 00
HFBR-PUS001	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS002	HFBR-PUS500	30-Jun-00	31-Dec-00
HFBR-PUS005	HFBR-PUS500	30-Jun-00	31-Dec-00
HFBR-PUS007	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS010	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS015	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS020	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS025	HFBR-PUS500	30-Jun-00	31-Dec-00
HFBR-PUS030	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS050	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS075	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS092	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS100	HFBR-PUS500	30-Jun-00	31-Dec-00
HFBR-PUS150	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS170	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS200	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS214	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS250	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS300	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS5DM	HFBR-PUS500	31-Mar-00	31 Jun 00
HFBR-PUS600	NONE	31-Mar-00	31 Jun 00
HFBR-PUS800	NONE	31-Mar-00	31 Jun 00
HFBR-QLS000	NONE	31-Mar-00	31 Jun 00
HFBR-QLS001	NONE	30-Jun-00	31-Dec-00
HFBR-QLS002	NONE	31-Mar-00	31 Jun 00
HFBR-QLS003	NONE	31-Mar-00	31 Jun 00
HFBR-QLS005	NONE	30-Jun-00	31-Dec-00
HFBR-QLS006	NONE	31-Mar-00	31 Jun 00
HFBR-QLS010	NONE	30-Jun-00	31-Dec-00
HFBR-QLS016	NONE	31-Mar-00	31 Jun 00
HFBR-QLS020	NONE	30-Jun-00	31-Dec-00
HFBR-QLS030	NONE	30-Jun-00	31-Dec-00
HFBR-QLS045	NONE	30-Jun-00	31-Dec-00



HFBR-QLS060	NONE	30-Jun-00	31-Dec-00
HFBR-QLS075	NONE	31-Mar-00	31 Jun 00
HFBR-QLS125	NONE	30-Jun-00	31-Dec-00
HFBR-QLS12D	NONE	30-Jun-00	31-Dec-00
HFBR-QLS15D	NONE	30-Jun-00	31-Dec-00
HFBR-QLS205	NONE	31-Mar-00	31 Jun 00
HFBR-QLS25D	NONE	31-Mar-00	31 Jun 00
HFBR-QLS2D5	NONE	31-Mar-00	31 Jun 00
HFBR-QLS2DM	NONE	31-Mar-00	31 Jun 00
HFBR-QLS5DM	NONE	31-Mar-00	31 Jun 00
HFBR-QMD000	NONE	31-Mar-00	31 Jun 00
HFBR-QMD010	NONE	31-Mar-00	31 Jun 00
HFBR-QMD015	NONE	31-Mar-00	31 Jun 00
HFBR-QND012	NONE	30-Jun-00	31-Dec-00
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HFBR-QNS001	NONE	30-Jun-00	31-Dec-00
HFBR-QNS002	NONE	30-Jun-00	31-Dec-00
HFBR-QNS003	NONE	31-Mar-00	31 Jun 00
HFBR-QNS004	NONE	30-Jun-00	31-Dec-00
HFBR-QNS005	NONE	30-Jun-00	31-Dec-00
HFBR-QNS006	NONE	30-Jun-00	31-Dec-00
HFBR-QNS007	NONE	30-Jun-00	31-Dec-00
HFBR-QNS008	NONE	30-Jun-00	31-Dec-00
HFBR-QNS009	NONE	31-Mar-00	31 Jun 00
HFBR-QNS010	NONE	30-Jun-00	31-Dec-00
HFBR-QNS011	NONE	31-Mar-00	31 Jun 00
HFBR-QNS012	NONE	31-Mar-00	31 Jun 00
HFBR-QNS014	NONE	31-Mar-00	31 Jun 00
HFBR-QNS015	NONE	31-Mar-00	31 Jun 00
HFBR-QNS017	NONE	31-Mar-00	31 Jun 00
HFBR-QNS020	NONE	31-Mar-00	31 Jun 00
HFBR-QNS030	NONE	31-Mar-00	31 Jun 00
HFBR-QNS034	NONE	31-Mar-00	31 Jun 00
HFBR-QNS035	NONE	31-Mar-00	31 Jun 00
HFBR-QNS045	NONE	31-Mar-00	31 Jun 00
HFBR-QNS046	NONE	31-Mar-00	31 Jun 00
HFBR-QNS050	NONE	30-Jun-00	31-Dec-00
HFBR-QNS055	NONE	31-Mar-00	31 Jun 00
HFBR-QNS060	NONE	30-Jun-00	31-Dec-00
HFBR-QNS065	NONE	31-Mar-00	31 Jun 00
HFBR-QNS070	NONE	31-Mar-00	31 Jun 00
HFBR-QNS075	NONE	31-Mar-00	31 Jun 00



HFBR-QNS080	NONE	31-Mar-00	31 Jun 00
HFBR-QNS100	NONE	31-Mar-00	31 Jun 00
HFBR-QNS14D	NONE	31-Mar-00	31 Jun 00
HFBR-QNS14DM	NONE	31-Mar-00	31 Jun 00
HFBR-QNS24D	NONE	31-Mar-00	31 Jun 00
HFBR-QNS5DM	NONE	31-Mar-00	31 Jun 00
HFBR-QNS76D	NONE	31-Mar-00	31 Jun 00
HFBR-QNS7DM	NONE	31-Mar-00	31 Jun 00
HFBR-QNS8DM	NONE	31-Mar-00	31 Jun 00
HFBR-QUS001	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS005	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS010	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS015	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS020	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS025	HFBR-QUS500	30-Jun-00	31-Dec-00
HFBR-QUS045	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS050	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS060	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS100	HFBR-QUS500	30-Jun-00	31-Dec-00
HFBR-QUS200	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS250	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-QUS300	HFBR-QUS500	31-Mar-00	31 Jun 00
HFBR-RKS001	NONE	31-Mar-00	31 Jun 00
HFBR-RKS002	NONE	31-Mar-00	31 Jun 00
HFBR-RKS010	NONE	31-Mar-00	31 Jun 00
HFBR-RI030M	NONE	31-Mar-00	31 Jun 00
HFBR-RLD000	NONE	31-Mar-00	31 Jun 00
HFBR-RLD001	NONE	30-Jun-00	31-Dec-00
HFBR-RLD002	NONE	30-Jun-00	31-Dec-00
HFBR-RLD003	NONE	30-Jun-00	31-Dec-00
HFBR-RLD100	NONE	31-Mar-00	31 Jun 00
HFBR-RLD15D	NONE	31-Mar-00	31 Jun 00
HFBR-RLS002	HFBR-RLS010	30-Jun-00	31-Dec-00
HFBR-RLS003	HFBR-RLS010	30-Jun-00	31-Dec-00
HFBR-RLS005	HFBR-RLS010	30-Jun-00	31-Dec-00
HFBR-RLS007	HFBR-RLS010	30-Jun-00	31-Dec-00
HFBR-RLS015	NONE	30-Jun-00	31-Dec-00
HFBR-RLS020	NONE	30-Jun-00	31-Dec-00
HFBR-RLS030	NONE	30-Jun-00	31-Dec-00
HFBR-RLS045	NONE	30-Jun-00	31-Dec-00
HFBR-RLS060	NONE	30-Jun-00	31-Dec-00
HFBR-RLS100	NONE	31-Mar-00	31 Jun 00



HFBR-RLS10D	NONE	30-Jun-00	31-Dec-00
HFBR-RLS13D	NONE	31-Mar-00	31 Jun 00
HFBR-RLS14D	NONE	30-Jun-00	31-Dec-00
HFBR-RLS15D	NONE	30-Jun-00	31-Dec-00
HFBR-RLS16C	NONE	30-Jun-00	31-Dec-00
HFBR-RLS25C	NONE	31-Mar-00	31 Jun 00
HFBR-RLS30D	NONE	30-Jun-00	31-Dec-00
HFBR-RLS5DM	NONE	30-Jun-00	31-Dec-00
HFBR-RLS6DM	NONE	30-Jun-00	31-Dec-00
HFBR-RMD004	HFBR-RMD005	31-Mar-00	31 Jun 00
HFBR-RMD009	HFBR-RMD010	31-Mar-00	31 Jun 00
HFBR-RMD020	NONE	30-Jun-00	31-Dec-00
HFBR-RMD025	NONE	30-Jun-00	31-Dec-00
HFBR-RMD030	NONE	30-Jun-00	31-Dec-00
HFBR-RMD060	NONE	31-Mar-00	31 Jun 00
HFBR-RMD14D	NONE	31-Mar-00	31 Jun 00
HFBR-RMD5DM	NONE	30-Jun-00	31-Dec-00
HFBR-RND000	NONE	31-Mar-00	31 Jun 00
HFBR-RND001	NONE	30-Jun-00	31-Dec-00
HFBR-RND002	NONE	30-Jun-00	31-Dec-00
HFBR-RND003	NONE	31-Mar-00	31 Jun 00
HFBR-RND004	NONE	30-Jun-00	31-Dec-00
HFBR-RND005	NONE	30-Jun-00	31-Dec-00
HFBR-RND010	NONE	30-Jun-00	31-Dec-00
HFBR-RND020	NONE	30-Jun-00	31-Dec-00
HFBR-RND030	NONE	30-Jun-00	31-Dec-00
HFBR-RND045	NONE	30-Jun-00	31-Dec-00
HFBR-RND15D	NONE	31-Mar-00	31 Jun 00
HFBR-RND200	NONE	30-Jun-00	31-Dec-00
HFBR-RND25D	NONE	30-Jun-00	31-Dec-00
HFBR-RND41D	NONE	30-Jun-00	31-Dec-00
HFBR-RND5DM	NONE	30-Jun-00	31-Dec-00
HFBR-RNS003	HFBR-RNS005	30-Jun-00	31-Dec-00
HFBR-RNS004	HFBR-RNS005	30-Jun-00	31-Dec-00
HFBR-RNS006	HFBR-RNS010	30-Jun-00	31-Dec-00
HFBR-RNS007	HFBR-RNS010	30-Jun-00	31-Dec-00
HFBR-RNS015	NONE	31-Mar-00	31 Jun 00
HFBR-RNS020	NONE	30-Jun-00	31-Dec-00
HFBR-RNS025	NONE	30-Jun-00	31-Dec-00
HFBR-RNS030	NONE	30-Jun-00	31-Dec-00
HFBR-RNS031	NONE	31-Mar-00	31 Jun 00
HFBR-RNS035	NONE	30-Jun-00	31-Dec-00



HFBR-RNS045	NONE	31-Mar-00	31 Jun 00
HFBR-RNS050	NONE	31-Mar-00	31 Jun 00
HFBR-RNS060	NONE	30-Jun-00	31-Dec-00
HFBR-RNS08D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS100	NONE	30-Jun-00	31-Dec-00
HFBR-RNS107	NONE	30-Jun-00	31-Dec-00
HFBR-RNS12D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS14D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS15D	NONE	30-Jun-00	31-Dec-00
HFBR-RNS1D2	NONE	30-Jun-00	31-Dec-00
HFBR-RNS1D7	NONE	30-Jun-00	31-Dec-00
HFBR-RNS1DM	NONE	30-Jun-00	31-Dec-00
HFBR-RNS24D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS25D	NONE	30-Jun-00	31-Dec-00
HFBR-RNS2D3	NONE	30-Jun-00	31-Dec-00
HFBR-RNS2D7	NONE	31-Mar-00	31 Jun 00
HFBR-RNS2DM	NONE	30-Jun-00	31-Dec-00
HFBR-RNS31D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS35D	NONE	30-Jun-00	31-Dec-00
HFBR-RNS3D2	NONE	30-Jun-00	31-Dec-00
HFBR-RNS3D7	NONE	30-Jun-00	31-Dec-00
HFBR-RNS3DM	NONE	30-Jun-00	31-Dec-00
HFBR-RNS46D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS4D2	NONE	30-Jun-00	31-Dec-00
HFBR-RNS4D6	NONE	31-Mar-00	31 Jun 00
HFBR-RNS500	NONE	30-Jun-00	31-Dec-00
HFBR-RNS55D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS5D1	NONE	30-Jun-00	31-Dec-00
HFBR-RNS5D2	NONE	30-Jun-00	31-Dec-00
HFBR-RNS5D5	NONE	31-Mar-00	31 Jun 00
HFBR-RNS5DM	NONE	30-Jun-00	31-Dec-00
HFBR-RNS61D	NONE	30-Jun-00	31-Dec-00
HFBR-RNS6D5	NONE	30-Jun-00	31-Dec-00
HFBR-RNS6DM	NONE	30-Jun-00	31-Dec-00
HFBR-RNS76D	NONE	31-Mar-00	31 Jun 00
HFBR-RNS8DM	NONE	31-Mar-00	31 Jun 00
HFBR-RTD002	HFBR-RTD010	30-Jun-00	31-Dec-00
HFBR-RTD003	HFBR-RTD010	30-Jun-00	31-Dec-00
HFBR-RTD005	HFBR-RTD010	30-Jun-00	31-Dec-00
HFBR-RTD006	HFBR-RTD010	30-Jun-00	31-Dec-00
HFBR-RTD008	HFBR-RTD010	30-Jun-00	31-Dec-00
HFBR-RTD015	HFBR-RTD45D	31-Mar-00	31 Jun 00



HFBR-RTD020	HFBR-RTD45D	30-Jun-00	31-Dec-00
HFBR-RTD022	HFBR-RTD45D	30-Jun-00	31-Dec-00
HFBR-RTD025	HFBR-RTD45D	30-Jun-00	31-Dec-00
HFBR-RTD030	HFBR-RTD45D	31-Mar-00	31 Jun 00
HFBR-RTD032	HFBR-RTD45D	30-Jun-00	31-Dec-00
HFBR-RTD040	HFBR-RTD45D	31-Mar-00	31 Jun 00
HFBR-RTD045	HFBR-RTD45D	30-Jun-00	31-Dec-00
HFBR-RTD060	NONE	30-Jun-00	31-Dec-00
HFBR-RTD15D	HFBR-RTD45D	30-Jun-00	31-Dec-00
HFBR-RTD5DM	NONE	30-Jun-00	31-Dec-00
HFBR-RUD001	HFBR-RUD100	30-Jun-00	31-Dec-00
HFBR-RUD002	HFBR-RUD100	30-Jun-00	31-Dec-00
HFBR-RUD003	HFBR-RUD100	31-Mar-00	31 Jun 00
HFBR-RUD010	HFBR-RUD100	31-Mar-00	31 Jun 00
HFBR-RUD025	HFBR-RUD100	30-Jun-00	31-Dec-00
HFBR-RUD050	HFBR-RUD100	30-Jun-00	31-Dec-00
HFBR-RUD060	HFBR-RUD100	31-Mar-00	31 Jun 00
HFBR-RUD1KM	NONE	31-Mar-00	31 Jun 00
HFBR-RUD200	HFBR-RUD500	31-Mar-00	31 Jun 00
HFBR-RUD400	HFBR-RUD500	31-Mar-00	31 Jun 00
HFBR-RUS001	HFBR-RUS100	31-Mar-00	31 Jun 00
HFBR-RUS003	HFBR-RUS100	31-Mar-00	31 Jun 00
HFBR-RUS005	HFBR-RUS100	30-Jun-00	31-Dec-00
HFBR-RUS007	HFBR-RUS100	30-Jun-00	31-Dec-00
HFBR-RUS008	HFBR-RUS100	31-Mar-00	31 Jun 00
HFBR-RUS020	HFBR-RUS100	30-Jun-00	31-Dec-00
HFBR-RUS025	HFBR-RUS100	30-Jun-00	31-Dec-00
HFBR-RUS050	HFBR-RUS100	30-Jun-00	31-Dec-00
HFBR-RUS1KM	NONE	30-Jun-00	31-Dec-00
HFBR-RUS20	NONE	30-Jun-00	31-Dec-00
HFBR-RUS200	HFBR-RUS500	30-Jun-00	31-Dec-00
HFBR-RUS305	HFBR-RUS500	31-Mar-00	31 Jun 00
HFBR-RUS400	HFBR-RUS500	31-Mar-00	31 Jun 00
HFBR-RWS003	NONE	31-Mar-00	31 Jun 00
HFBR-RXDYYY	NONE	31-Mar-00	31 Jun 00
HFBR-RXSYYY	NONE	31-Mar-00	31 Jun 00
HFBR-VND000	NONE	31-Mar-00	31 Jun 00
HFBR-VND100	NONE	31-Mar-00	31 Jun 00
HFBR-VNS000	NONE	31-Mar-00	31 Jun 00
HFBR-VNS002	NONE	31-Mar-00	31 Jun 00
HFBR-VNS003	NONE	31-Mar-00	31 Jun 00
HFBR-VNS005	NONE	31-Mar-00	31 Jun 00



HFBR-VUD000	NONE	31-Mar-00	31 Jun 00
HFBR-VUD500	NONE	30-Jun-00	31-Dec-00
HFBR-VUD525	NONE	31-Mar-00	31 Jun 00
HFBR-VUS000	NONE	31-Mar-00	31 Jun 00
HFCT-3002AFP	NONE	31-Mar-00	31 Jun 00
HFCT-3002ASC	NONE	31-Mar-00	31 Jun 00
HFCT-3002AST	NONE	31-Mar-00	31 Jun 00
HFCT-3012AFP	NONE	31-Mar-00	31 Jun 00
HFCT-3012ASC	NONE	31-Mar-00	31 Jun 00
HFCT-3012AST	NONE	31-Mar-00	31 Jun 00
HFCT-3013BFP	NONE	IMMEDIATE	NONE
HFCT-3013BSC	NONE	IMMEDIATE	NONE
HFCT-3013BST	NONE	IMMEDIATE	NONE
HFCT-3014ASC	NONE	IMMEDIATE	NONE
HFCT-3024AFP	NONE	IMMEDIATE	NONE
HFCT-3024ASC	NONE	IMMEDIATE	NONE
HFCT-3024AST	NONE	IMMEDIATE	NONE
HFCT-5615	HFCT-5611 OR HFCT-5612	30-Jun-00	31-Dec-00
HFCT-5616	HFCT-5611 OR HFCT-5612	30-Jun-00	31-Dec-00
HFCT-5901	NONE	IMMEDIATE	NONE
HFCT-5912	HFCT-5912E	IMMEDIATE	NONE
HFCT-6001D	NONE	IMMEDIATE	NONE
JA119/A1	NONE	IMMEDIATE	NONE
JA120-FP/A2	NONE	IMMEDIATE	30-Apr-00
JA120-SC/A1	NONE	IMMEDIATE	30-Apr-00
JA123-SC/A1	NONE	IMMEDIATE	NONE
JA124-SC/A1	NONE	IMMEDIATE	NONE
JA125-SC/A1	NONE	31-Mar-00	30-Sep-00
JA125-SC/A2	NONE	IMMEDIATE	NONE
JA126-SC/A1	NONE	IMMEDIATE	23-Dec-99
JA127/A1	NONE	IMMEDIATE	NONE
JA127/A2	NONE	IMMEDIATE	NONE
JA128-SC/A1	NONE	IMMEDIATE	NONE
LST0400-FC-A	Alt Supplier- PD-LD Inc.	30-Jun-00	31-Dec-00
LST0400-FC-A/A6	NONE	IMMEDIATE	NONE
LST0400-FC-A/A7	NONE	IMMEDIATE	NONE
LST0400-ST-F	Alt Supplier- PD-LD Inc.	30-Jun-00	31-Dec-00
LST0400-ST-F/A2	NONE	IMMEDIATE	NONE



LST0400-ST-F/A6	NONE	IMMEDIATE	NONE
LST0400-ST-R	NONE	IMMEDIATE	NONE
LST0400-TO	NONE	IMMEDIATE	NONE
LST0625-SC-A	LST0623-SC-A	31-Mar-00	31 Jun 00
LST2425A-B	NONE	IMMEDIATE	NONE
LST2425A-T	NONE	IMMEDIATE	NONE
LST2425A-T-AP	NONE	IMMEDIATE	NONE
LST2425A-T-FP	NONE	IMMEDIATE	NONE
LST2425ATFPA2	NONE	IMMEDIATE	NONE
LST2425A-T-SC	NONE	IMMEDIATE	NONE
LST2425B-B	NONE	IMMEDIATE	NONE
LST2425B-B-LA	NONE	IMMEDIATE	NONE
LST2425BDFPA2	NONE	IMMEDIATE	NONE
LST2425B-T	NONE	IMMEDIATE	NONE
LST2425B-T-AP	NONE	IMMEDIATE	NONE
LST2425B-T-FP	NONE	IMMEDIATE	NONE
LST2425B-T-LA	NONE	IMMEDIATE	NONE
LST2425B-T-SC	NONE	IMMEDIATE	NONE
LST2425B-T-ST	NONE	IMMEDIATE	NONE
LST2525-B	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525B-B-LA	NONE	31-Mar-00	31 Jun 00
LST2525-B-FP	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-B-SC	LST2525-T-SC	31-Mar-00	31 Jun 00
LST2525-B-SC/A1	LST2525-T-SC	31-Mar-00	31 Jun 00
LST2525-B-ST	LST2525-T-ST	31-Mar-00	31 Jun 00
LST2525B-T-LA	NONE	31-Mar-00	31 Jun 00
LST2525-D	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-D/AT	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-D/B2	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-D-FP	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-D-LA/B6	NONE	31-Mar-00	31 Jun 00
LST2525-D-SC	LST2525-T-SC	31-Mar-00	31 Jun 00
LST2525-D-ST	LST2525-T-ST	31-Mar-00	31 Jun 00
LST2525-T	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-T/AT	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-T-BT/A9	LST2525-T-FP	31-Mar-00	31 Jun 00
LST2525-T-LA/B6	NONE	31-Mar-00	31 Jun 00
LST2525-T-SC/AT	LST2525-T-SC	31-Mar-00	31 Jun 00
LST2825-B	LST2825-T-FP	30-Jun-00	31-Dec-00



LST2825-B/B6	NONE	31-Mar-00	31 Jun 00
LST2825-B-FP	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825-B-SC	LST2825-T-SC	31-Mar-00	31 Jun 00
LST2825-B-ST	LST2825-T-ST	31-Mar-00	31 Jun 00
LST2825-D	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825-D/B5	LST2825-D-FP/B5	30-Jun-00	31-Dec-00
LST2825-D-FP	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825-D-SC	LST2825-T-SC	31-Mar-00	31 Jun 00
LST2825-D-ST	LST2825-T-ST	31-Mar-00	31 Jun 00
LST2825-T	LST2825-T-FP	30-Jun-00	31-Dec-00
LST2825-T/A3	NONE	31-Mar-00	31 Jun 00
LST2825-T-AP/C2	NONE	31-Mar-00	31 Jun 00
LST2825-T-AP/Y1	NONE	31-Mar-00	31 Jun 00
LST2825-T-AP/Y2	NONE	31-Mar-00	31 Jun 00
LST2825-T-AS	NONE	30-Jun-00	31-Dec-00
LST2825TBTACKL	NONE	30-Jun-00	31-Dec-00
LST2825-T-FP/B6	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825-T-FP/B7	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825-T-FP/B9	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825-T-FP/C4	LST2825-T-FP	31-Mar-00	31 Jun 00
LST2825TLAACL D	NONE	31-Mar-00	31 Jun 00
LST2825-T-SC/A3	NONE	31-Mar-00	31 Jun 00
LST3421A	NONE	IMMEDIATE	NONE
LST3421A-FP	NONE	IMMEDIATE	NONE
LST3421B	NONE	IMMEDIATE	NONE
LST3421B-AP	NONE	IMMEDIATE	NONE
LST3521	NONE	31-Mar-00	31 Jun 00
LST3521-FP	NONE	31-Mar-00	31 Jun 00
LST3521-FP/A1	NONE	31-Mar-00	31 Jun 00
LST3521-LD/A5	NONE	30-Jun-00	31-Dec-00
LST3521-SC	NONE	31-Mar-00	31 Jun 00
LST3521-SC/A1	NONE	30-Jun-00	31-Dec-00
LST3521-SF/A1	NONE	30-Jun-00	31-Dec-00
LST3521-ST	NONE	30-Jun-00	31-Dec-00
LST3821	NONE	30-Jun-00	31-Dec-00



LST3821-FP	NONE	30-Jun-00	31-Dec-00
LST3821-FP/A1	NONE	31-Mar-00	31 Jun 00
LST3821-LA	NONE	31-Mar-00	31 Jun 00
LST3821-LD/A5	NONE	30-Jun-00	31-Dec-00
LST3821-SC	NONE	30-Jun-00	31-Dec-00
LST3821-ST	NONE	30-Jun-00	31-Dec-00
PDC5091-FP/A1	NONE	IMMEDIATE	NONE
PDC5091-SC/A1	NONE	IMMEDIATE	NONE
PDC5691-SC/A1	NONE	IMMEDIATE	31-Mar-00
PDC5691-SC/A2	NONE	IMMEDIATE	31-Mar-00
QFBR-0499	NONE	31-Mar-00	31 Jun 00
QFBR-1079	NONE	31-Mar-00	31 Jun 00
QFBR-1081	NONE	31-Mar-00	31 Jun 00
QFBR-1082	NONE	31-Mar-00	31 Jun 00
QFBR-1083	NONE	31-Mar-00	31 Jun 00
QFBR-1085	NONE	31-Mar-00	31 Jun 00
QFBR-1086	NONE	31-Mar-00	31 Jun 00
QFBR-1089	NONE	31-Mar-00	31 Jun 00
QFBR-1091	NONE	31-Mar-00	31 Jun 00
QFBR-1096	NONE	31-Mar-00	31 Jun 00
QFBR-1097	NONE	31-Mar-00	31 Jun 00
QFBR-1098	NONE	31-Mar-00	31 Jun 00
QFBR-1117	NONE	31-Mar-00	31 Jun 00
QFBR-1118	NONE	31-Mar-00	31 Jun 00
QFBR-1188	NONE	31-Mar-00	31 Jun 00
QFBR-1189	NONE	31-Mar-00	31 Jun 00
QFBR-1190	NONE	31-Mar-00	31 Jun 00
QFBR-1191	NONE	31-Mar-00	31 Jun 00
QFBR-1192	NONE	31-Mar-00	31 Jun 00
QFBR-1193	NONE	31-Mar-00	31 Jun 00
QFBR-1194	NONE	31-Mar-00	31 Jun 00
QFBR-1197	NONE	31-Mar-00	31 Jun 00
QFBR-1198	NONE	31-Mar-00	31 Jun 00
QFBR-1199	NONE	31-Mar-00	31 Jun 00
QFBR-1238	HFBR-1424	30-Jun-00	31-Dec-00
QFBR-1241	NONE	30-Jun-00	31-Dec-00
QFBR-1242	NONE	31-Mar-00	31 Jun 00
QFBR-1243	NONE	31-Mar-00	31 Jun 00
QFBR-1246	HFBR-1412	30-Jun-00	31-Dec-00
QFBR-1247	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-1248	NONE	31-Mar-00	31 Jun 00
QFBR-1249	NONE	31-Mar-00	31 Jun 00



QFBR-1250	NONE	31-Mar-00	31 Jun 00
QFBR-1251	NONE	31-Mar-00	31 Jun 00
QFBR-1252	NONE	31-Mar-00	31 Jun 00
QFBR-1253	NONE	30-Jun-00	31-Dec-00
QFBR-1255	NONE	31-Mar-00	31 Jun 00
QFBR-1256	NONE	31-Mar-00	31 Jun 00
QFBR-1257	NONE	31-Mar-00	31 Jun 00
QFBR-1258	NONE	31-Mar-00	31 Jun 00
QFBR-1259	NONE	31-Mar-00	31 Jun 00
QFBR-1261	HFBR-1412	30-Jun-00	31-Dec-00
QFBR-1262	NONE	31-Mar-00	31 Jun 00
QFBR-1263	NONE	31-Mar-00	31 Jun 00
QFBR-1265	NONE	31-Mar-00	31 Jun 00
QFBR-1266	NONE	31-Mar-00	31 Jun 00
QFBR-1267	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-1268	NONE	31-Mar-00	31 Jun 00
QFBR-1270	HFBR-1412T	30-Jun-00	31-Dec-00
QFBR-1271	HFBR-1414T	30-Jun-00	31-Dec-00
QFBR-1272	NONE	30-Jun-00	31-Dec-00
QFBR-1273	NONE	31-Mar-00	31 Jun 00
QFBR-1275	NONE	31-Mar-00	31 Jun 00
QFBR-1276	NONE	31-Mar-00	31 Jun 00
QFBR-1277	NONE	31-Mar-00	31 Jun 00
QFBR-1278	HFBR-1414T	30-Jun-00	31-Dec-00
QFBR-1281	NONE	31-Mar-00	31 Jun 00
QFBR-1282	NONE	31-Mar-00	31 Jun 00
QFBR-1283	NONE	31-Mar-00	31 Jun 00
QFBR-1284	NONE	31-Mar-00	31 Jun 00
QFBR-1285	NONE	31-Mar-00	31 Jun 00
QFBR-1286	NONE	31-Mar-00	31 Jun 00
QFBR-1287	NONE	31-Mar-00	31 Jun 00
QFBR-1288	NONE	31-Mar-00	31 Jun 00
QFBR-1289	NONE	31-Mar-00	31 Jun 00
QFBR-1290	NONE	31-Mar-00	31 Jun 00
QFBR-1292	NONE	31-Mar-00	31 Jun 00
QFBR-1293	NONE	31-Mar-00	31 Jun 00
QFBR-1294	NONE	31-Mar-00	31 Jun 00
QFBR-1295	NONE	31-Mar-00	31 Jun 00
QFBR-1296	NONE	31-Mar-00	31 Jun 00
QFBR-1297	NONE	31-Mar-00	31 Jun 00
QFBR-1298	NONE	31-Mar-00	31 Jun 00
QFBR-1400	HFBR-1412T	30-Jun-00	31-Dec-00



QFBR-1401	NONE	31-Mar-00	31 Jun 00
QFBR-1409	NONE	31-Mar-00	31 Jun 00
QFBR-1411	NONE	31-Mar-00	31 Jun 00
QFBR-1417	HFBR-1414T	30-Jun-00	31-Dec-00
QFBR-1418	HFBR-1412T	30-Jun-00	31-Dec-00
QFBR-1425	HFBR-1402	30-Jun-00	31-Dec-00
QFBR-1427	NONE	31-Mar-00	31 Jun 00
QFBR-1429	NONE	31-Mar-00	31 Jun 00
QFBR-1431	NONE	31-Mar-00	31 Jun 00
QFBR-1433	NONE	31-Mar-00	31 Jun 00
QFBR-1435	NONE	31-Mar-00	31 Jun 00
QFBR-1437	NONE	31-Mar-00	31 Jun 00
QFBR-1439	NONE	31-Mar-00	31 Jun 00
QFBR-1440	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-1441	NONE	31-Mar-00	31 Jun 00
QFBR-1445M	NONE	31-Mar-00	31 Jun 00
QFBR-1445P	NONE	31-Mar-00	31 Jun 00
QFBR-1447	NONE	31-Mar-00	31 Jun 00
QFBR-1449	NONE	31-Mar-00	31 Jun 00
QFBR-1451	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-1453	NONE	31-Mar-00	31 Jun 00
QFBR-1456	NONE	31-Mar-00	31 Jun 00
QFBR-1457	NONE	31-Mar-00	31 Jun 00
QFBR-1458	NONE	31-Mar-00	31 Jun 00
QFBR-1459	NONE	31-Mar-00	31 Jun 00
QFBR-1460	NONE	31-Mar-00	31 Jun 00
QFBR-1461	NONE	31-Mar-00	31 Jun 00
QFBR-1463	NONE	31-Mar-00	31 Jun 00
QFBR-1465	NONE	31-Mar-00	31 Jun 00
QFBR-1466	NONE	31-Mar-00	31 Jun 00
QFBR-1467	NONE	31-Mar-00	31 Jun 00
QFBR-1468	NONE	31-Mar-00	31 Jun 00
QFBR-1469	NONE	31-Mar-00	31 Jun 00
QFBR-1470	NONE	31-Mar-00	31 Jun 00
QFBR-1471	NONE	31-Mar-00	31 Jun 00
QFBR-1472	NONE	31-Mar-00	31 Jun 00
QFBR-1473	NONE	31-Mar-00	31 Jun 00
QFBR-1474	NONE	31-Mar-00	31 Jun 00
QFBR-1475	NONE	31-Mar-00	31 Jun 00
QFBR-1476	NONE	31-Mar-00	31 Jun 00
QFBR-1477	NONE	31-Mar-00	31 Jun 00
QFBR-1478A	QFBR-1478C	31-Mar-00	31 Jun 00



QFBR-1478B	QFBR-1478C	31-Mar-00	31 Jun 00
QFBR-1479	NONE	31-Mar-00	31 Jun 00
QFBR-1480	NONE	31-Mar-00	31 Jun 00
QFBR-1481	NONE	31-Mar-00	31 Jun 00
QFBR-1482	NONE	31-Mar-00	31 Jun 00
QFBR-1483	NONE	31-Mar-00	31 Jun 00
QFBR-1485	NONE	31-Mar-00	31 Jun 00
QFBR-1486	NONE	31-Mar-00	31 Jun 00
QFBR-1487	NONE	31-Mar-00	31 Jun 00
QFBR-1488	NONE	31-Mar-00	31 Jun 00
QFBR-1489	NONE	31-Mar-00	31 Jun 00
QFBR-1490	NONE	31-Mar-00	31 Jun 00
QFBR-1491	NONE	31-Mar-00	31 Jun 00
QFBR-1492	NONE	31-Mar-00	31 Jun 00
QFBR-1493	NONE	31-Mar-00	31 Jun 00
QFBR-1494	NONE	31-Mar-00	31 Jun 00
QFBR-1495	NONE	31-Mar-00	31 Jun 00
QFBR-1497	NONE	31-Mar-00	31 Jun 00
QFBR-1498	NONE	31-Mar-00	31 Jun 00
QFBR-1499	NONE	31-Mar-00	31 Jun 00
QFBR-1552	NONE	31-Mar-00	31 Jun 00
QFBR-1553	NONE	31-Mar-00	31 Jun 00
QFBR-1554	NONE	31-Mar-00	31 Jun 00
QFBR-1556	NONE	31-Mar-00	31 Jun 00
QFBR-1557	NONE	30-Jun-00	31-Dec-00
QFBR-1558	NONE	31-Mar-00	31 Jun 00
QFBR-1560	HFBR-1522	30-Jun-00	31-Dec-00
QFBR-1562	HFBR-1521	30-Jun-00	31-Dec-00
QFBR-1563	NONE	31-Mar-00	31 Jun 00
QFBR-1564	HFBR-1522	30-Jun-00	31-Dec-00
QFBR-1568	NONE	31-Mar-00	31 Jun 00
QFBR-1571	HFBR-1402	30-Jun-00	31-Dec-00
QFBR-1572	NONE	31-Mar-00	31 Jun 00
QFBR-1575	NONE	30-Jun-00	31-Dec-00
QFBR-1576	NONE	30-Jun-00	31-Dec-00
QFBR-1577	NONE	31-Mar-00	31 Jun 00
QFBR-1578	HFBR-1521	30-Jun-00	31-Dec-00
QFBR-1579	NONE	30-Jun-00	31-Dec-00
QFBR-1580	NONE	31-Mar-00	31 Jun 00
QFBR-1581	HFBR-1521	30-Jun-00	31-Dec-00
QFBR-1582	HFBR-1531	30-Jun-00	31-Dec-00
QFBR-1584	NONE	31-Mar-00	31 Jun 00



QFBR-1585	HFBR-1521	30-Jun-00	31-Dec-00
QFBR-1586	HFBR-1531	30-Jun-00	31-Dec-00
QFBR-1587	NONE	31-Mar-00	31 Jun 00
QFBR-1588	NONE	31-Mar-00	31 Jun 00
QFBR-1590	NONE	31-Mar-00	31 Jun 00
QFBR-1596	NONE	31-Mar-00	31 Jun 00
QFBR-1597	NONE	31-Mar-00	31 Jun 00
QFBR-1699T	HFBR-1412T	30-Jun-00	31-Dec-00
QFBR-2188	NONE	31-Mar-00	31 Jun 00
QFBR-2189	NONE	31-Mar-00	31 Jun 00
QFBR-2190	NONE	31-Mar-00	31 Jun 00
QFBR-2191	NONE	31-Mar-00	31 Jun 00
QFBR-2192	NONE	31-Mar-00	31 Jun 00
QFBR-2193	NONE	31-Mar-00	31 Jun 00
QFBR-2194	NONE	31-Mar-00	31 Jun 00
QFBR-2195	NONE	31-Mar-00	31 Jun 00
QFBR-2196	NONE	31-Mar-00	31 Jun 00
QFBR-2197	NONE	31-Mar-00	31 Jun 00
QFBR-2198	NONE	31-Mar-00	31 Jun 00
QFBR-2199	NONE	31-Mar-00	31 Jun 00
QFBR-2241	NONE	30-Jun-00	31-Dec-00
QFBR-2248	NONE	31-Mar-00	31 Jun 00
QFBR-2249	NONE	31-Mar-00	31 Jun 00
QFBR-2257	NONE	31-Mar-00	31 Jun 00
QFBR-2258	NONE	31-Mar-00	31 Jun 00
QFBR-2263	NONE	31-Mar-00	31 Jun 00
QFBR-2265	NONE	31-Mar-00	31 Jun 00
QFBR-2266	NONE	31-Mar-00	31 Jun 00
QFBR-2271	HFBR-2416TC	30-Jun-00	31-Dec-00
QFBR-2272	NONE	30-Jun-00	31-Dec-00
QFBR-2275	NONE	31-Mar-00	31 Jun 00
QFBR-2278	NONE	31-Mar-00	31 Jun 00
QFBR-2279	NONE	31-Mar-00	31 Jun 00
QFBR-2281	NONE	31-Mar-00	31 Jun 00
QFBR-2282	NONE	31-Mar-00	31 Jun 00
QFBR-2283	NONE	31-Mar-00	31 Jun 00
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QFBR-2286	NONE	31-Mar-00	31 Jun 00
QFBR-2287	NONE	31-Mar-00	31 Jun 00
QFBR-2288	NONE	31-Mar-00	31 Jun 00
QFBR-2289	NONE	31-Mar-00	31 Jun 00



QFBR-2290	NONE	31-Mar-00	31 Jun 00
QFBR-2291	NONE	31-Mar-00	31 Jun 00
QFBR-2292	NONE	31-Mar-00	31 Jun 00
QFBR-2293	NONE	31-Mar-00	31 Jun 00
QFBR-2295	NONE	31-Mar-00	31 Jun 00
QFBR-2296	NONE	31-Mar-00	31 Jun 00
QFBR-2299	NONE	31-Mar-00	31 Jun 00
QFBR-2426M	NONE	31-Mar-00	31 Jun 00
QFBR-2429	HFBR-2416TC	30-Jun-00	31-Dec-00
QFBR-2433	NONE	30-Jun-00	31-Dec-00
QFBR-2435	NONE	31-Mar-00	31 Jun 00
QFBR-2437	HFBR-2416TC	30-Jun-00	31-Dec-00
QFBR-2438	NONE	31-Mar-00	31 Jun 00
QFBR-2439	NONE	31-Mar-00	31 Jun 00
QFBR-2441	HFBR-2416T	30-Jun-00	31-Dec-00
QFBR-2443	HFBR-2414	30-Jun-00	31-Dec-00
QFBR-2449	NONE	31-Mar-00	31 Jun 00
QFBR-2451	NONE	31-Mar-00	31 Jun 00
QFBR-2453	NONE	31-Mar-00	31 Jun 00
QFBR-2455	NONE	31-Mar-00	31 Jun 00
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QFBR-2474	NONE	31-Mar-00	31 Jun 00
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QFBR-2476	NONE	31-Mar-00	31 Jun 00
QFBR-2477	NONE	31-Mar-00	31 Jun 00
QFBR-2479	NONE	31-Mar-00	31 Jun 00
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QFBR-2482	NONE	31-Mar-00	31 Jun 00
QFBR-2483	NONE	31-Mar-00	31 Jun 00
QFBR-2485	NONE	31-Mar-00	31 Jun 00
QFBR-2486	NONE	31-Mar-00	31 Jun 00



QFBR-2490	NONE	31-Mar-00	31 Jun 00
QFBR-2491	NONE	31-Mar-00	31 Jun 00
QFBR-2492	NONE	31-Mar-00	31 Jun 00
QFBR-2493	NONE	31-Mar-00	31 Jun 00
QFBR-2494	NONE	31-Mar-00	31 Jun 00
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QFBR-2497	NONE	31-Mar-00	31 Jun 00
QFBR-2498	NONE	31-Mar-00	31 Jun 00
QFBR-2556	HFBR-2521	30-Jun-00	31-Dec-00
QFBR-2557	HFBR-2531	30-Jun-00	31-Dec-00
QFBR-2558	HFBR-2532	30-Jun-00	31-Dec-00
QFBR-2560	HFBR-2522	30-Jun-00	31-Dec-00
QFBR-2563	NONE	31-Mar-00	31 Jun 00
QFBR-2567	NONE	31-Mar-00	31 Jun 00
QFBR-2571	NONE	31-Mar-00	31 Jun 00
QFBR-2572	NONE	31-Mar-00	31 Jun 00
QFBR-2575	HFBR-2521	30-Jun-00	31-Dec-00
QFBR-2576	HFBR-2523	30-Jun-00	31-Dec-00
QFBR-2580	NONE	31-Mar-00	31 Jun 00
QFBR-2582	NONE	31-Mar-00	31 Jun 00
QFBR-2584	NONE	31-Mar-00	31 Jun 00
QFBR-2585	NONE	31-Mar-00	31 Jun 00
QFBR-2586	HFBR-2531	30-Jun-00	31-Dec-00
QFBR-2588	NONE	31-Mar-00	31 Jun 00
QFBR-2590	HFBR-2521	30-Jun-00	31-Dec-00
QFBR-2596	NONE	31-Mar-00	31 Jun 00
QFBR-2597	NONE	31-Mar-00	31 Jun 00
QFBR-2698T	HFBR-2602	30-Jun-00	31-Dec-00
QFBR-2699T	HFBR-2602	30-Jun-00	31-Dec-00
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QFBR-3039	NONE	31-Mar-00	31 Jun 00
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QFBR-3045	NONE	31-Mar-00	31 Jun 00
QFBR-3047	NONE	31-Mar-00	31 Jun 00
QFBR-3048	NONE	31-Mar-00	31 Jun 00
QFBR-3049	NONE	31-Mar-00	31 Jun 00
QFBR-3049#012	NONE	31-Mar-00	31 Jun 00
QFBR-3053	NONE	31-Mar-00	31 Jun 00
QFBR-3054#001	NONE	31-Mar-00	31 Jun 00
QFBR-3057	NONE	31-Mar-00	31 Jun 00



QFBR-3057#001	NONE	31-Mar-00	31 Jun 00
QFBR-3059	NONE	31-Mar-00	31 Jun 00
QFBR-3061#001	NONE	31-Mar-00	31 Jun 00
QFBR-3062#001	NONE	31-Mar-00	31 Jun 00
QFBR-3069	NONE	31-Mar-00	31 Jun 00
QFBR-3071	NONE	31-Mar-00	31 Jun 00
QFBR-3071#001	NONE	31-Mar-00	31 Jun 00
QFBR-3077#001	NONE	31-Mar-00	31 Jun 00
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QFBR-3190	NONE	31-Mar-00	31 Jun 00
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QFBR-3193	NONE	31-Mar-00	31 Jun 00
QFBR-3194	NONE	31-Mar-00	31 Jun 00
QFBR-3199	NONE	31-Mar-00	31 Jun 00
QFBR-3199#003	NONE	31-Mar-00	31 Jun 00
QFBR-3299	NONE	31-Mar-00	31 Jun 00
QFBR-3399	NONE	31-Mar-00	31 Jun 00
QFBR-3539	NONE	30-Jun-00	31-Dec-00
QFBR-3544	NONE	30-Jun-00	31-Dec-00
QFBR-3545	NONE	30-Jun-00	31-Dec-00
QFBR-3546	NONE	30-Jun-00	31-Dec-00
QFBR-3547	NONE	30-Jun-00	31-Dec-00
QFBR-3548	NONE	30-Jun-00	31-Dec-00
QFBR-3549	NONE	30-Jun-00	31-Dec-00
QFBR-3550	NONE	30-Jun-00	31-Dec-00
QFBR-3552	NONE	30-Jun-00	31-Dec-00
QFBR-3557	NONE	30-Jun-00	31-Dec-00
QFBR-3559	NONE	31-Mar-00	31 Jun 00
QFBR-3560	NONE	30-Jun-00	31-Dec-00
QFBR-3561	NONE	30-Jun-00	31-Dec-00
QFBR-3564	NONE	IMMEDIATE	NONE
QFBR-3565	NONE	IMMEDIATE	NONE
QFBR-3566	NONE	IMMEDIATE	NONE
QFBR-3568	NONE	IMMEDIATE	NONE
QFBR-3569	NONE	31-Mar-00	31 Jun 00
QFBR-3571	NONE	31-Mar-00	31 Jun 00
QFBR-3572	NONE	30-Jun-00	31-Dec-00
QFBR-3573	NONE	31-Mar-00	31 Jun 00
QFBR-3574	NONE	31-Mar-00	31 Jun 00
QFBR-3575	NONE	31-Mar-00	31 Jun 00
QFBR-3576	NONE	31-Mar-00	31 Jun 00
QFBR-3577	NONE	31-Mar-00	31 Jun 00



QFBR-3578	NONE	30-Jun-00	31-Dec-00
QFBR-3584	NONE	31-Mar-00	31 Jun 00
QFBR-3585	NONE	31-Mar-00	31 Jun 00
QFBR-3586	NONE	31-Mar-00	31 Jun 00
QFBR-3587	NONE	31-Mar-00	31 Jun 00
QFBR-3588	NONE	31-Mar-00	31 Jun 00
QFBR-3592	NONE	31-Mar-00	31 Jun 00
QFBR-3593	NONE	31-Mar-00	31 Jun 00
QFBR-3594	NONE	31-Mar-00	31 Jun 00
QFBR-3595	NONE	31-Mar-00	31 Jun 00
QFBR-3596	NONE	31-Mar-00	31 Jun 00
QFBR-3597	NONE	31-Mar-00	31 Jun 00
QFBR-3598	NONE	31-Mar-00	31 Jun 00
QFBR-3599	NONE	31-Mar-00	31 Jun 00
QFBR-3677	NONE	31-Mar-00	31 Jun 00
QFBR-3678	NONE	31-Mar-00	31 Jun 00
QFBR-3682	NONE	31-Mar-00	31 Jun 00
QFBR-3683	NONE	31-Mar-00	31 Jun 00
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QFBR-3685	NONE	31-Mar-00	31 Jun 00
QFBR-3686	NONE	30-Jun-00	31-Dec-00
QFBR-3687	NONE	31-Mar-00	31 Jun 00
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QFBR-3692	NONE	31-Mar-00	31 Jun 00
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QFBR-3780	NONE	31-Mar-00	31 Jun 00
QFBR-3781	NONE	31-Mar-00	31 Jun 00
QFBR-3782	NONE	31-Mar-00	31 Jun 00
QFBR-3784	NONE	30-Jun-00	31-Dec-00
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QFBR-3881	NONE	30-Jun-00	31-Dec-00
QFBR-3882	NONE	30-Jun-00	31-Dec-00
QFBR-3883	NONE	30-Jun-00	31-Dec-00
QFBR-3884	NONE	31-Mar-00	31 Jun 00
QFBR-3885	NONE	30-Jun-00	31-Dec-00



QFBR-3886	NONE	30-Jun-00	31-Dec-00
QFBR-3887	NONE	30-Jun-00	31-Dec-00
QFBR-3888	NONE	30-Jun-00	31-Dec-00
QFBR-3889	NONE	30-Jun-00	31-Dec-00
QFBR-3892	NONE	30-Jun-00	31-Dec-00
QFBR-3893	NONE	30-Jun-00	31-Dec-00
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QFBR-4090	NONE	31-Mar-00	31 Jun 00
QFBR-4091	NONE	31-Mar-00	31 Jun 00
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QFBR-4094	NONE	31-Mar-00	31 Jun 00
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QFBR-4097	NONE	31-Mar-00	31 Jun 00
QFBR-4098	NONE	31-Mar-00	31 Jun 00
QFBR-4586	NONE	31-Mar-00	31 Jun 00
QFBR-4591	NONE	31-Mar-00	31 Jun 00
QFBR-4592	NONE	31-Mar-00	31 Jun 00
QFBR-4598	NONE	31-Mar-00	31 Jun 00
QFBR-4599	NONE	31-Mar-00	31 Jun 00
QFBR-5098	NONE	31-Mar-00	31 Jun 00
QFBR-5099	NONE	31-Mar-00	31 Jun 00
QFBR-5113	NONE	31-Mar-00	31 Jun 00
QFBR-5133	NONE	31-Mar-00	31 Jun 00
QFBR-5142	HFBR-5111	30-Jun-00	31-Dec-00
QFBR-5144	HFBR-5111	30-Jun-00	31-Dec-00
QFBR-5145#FDA	HFBR-5111	30-Jun-00	31-Dec-00
QFBR-5145#FDB	HFBR-5111	30-Jun-00	31-Dec-00
QFBR-5145#FDS	HFBR-5111	30-Jun-00	31-Dec-00
QFBR-5181	NONE	31-Mar-00	31 Jun 00
QFBR-5234	HFBR-5103	30-Jun-00	31-Dec-00
QFBR-5237	NONE	31-Mar-00	31 Jun 00
QFBR-5238	NONE	31-Mar-00	31 Jun 00
QFBR-5240	NONE	31-Mar-00	31 Jun 00
QFBR-5248	HFBR-5205	30-Jun-00	31-Dec-00
QFBR-5251	HFBR-5103	30-Jun-00	31-Dec-00
QFBR-5252	HFBR-5103	30-Jun-00	31-Dec-00
QFBR-5302	NONE	30-Jun-00	31-Dec-00
QFBR-5317	NONE	30-Jun-00	31-Dec-00
QFBR-53D1	NONE	31-Mar-00	31 Jun 00



QFBR-5450	NONE	31-Mar-00	31 Jun 00
QFBR-5451	NONE	31-Mar-00	31 Jun 00
QFBR-5452	NONE	31-Mar-00	31 Jun 00
QFBR-5497	NONE	31-Mar-00	31 Jun 00
QFBR-5581	HFBR-1528/HFBR-2528	30-Jun-00	31-Dec-00
QFBR-5582	HFBR-1528/HFBR-2528	30-Jun-00	31-Dec-00
QFBR-5585	HFBR-1521/HFBR-2521	30-Jun-00	31-Dec-00
QFBR-5586	NONE	31-Mar-00	31 Jun 00
QFBR-5587	HFBR-1521/HFBR-2521	30-Jun-00	31-Dec-00
QFBR-5588	HFBR1528.HFBR2528	30-Jun-00	31-Dec-00
QFBR-5589	HFBR1528.HFBR2528	30-Jun-00	31-Dec-00
QFBR-5593	HFBR-1521/HFBR-2521	30-Jun-00	31-Dec-00
QFBR-5597	HFBR-2416	30-Jun-00	31-Dec-00
QFBR-5694	NONE	31-Mar-00	30-Jun-00
QFBR-A101	NONE	31-Mar-00	31 Jun 00
QFBR-A102	NONE	31-Mar-00	31 Jun 00
QFBR-A105	NONE	31-Mar-00	31 Jun 00
QFBR-A106	NONE	31-Mar-00	31 Jun 00
QFBR-E414T	HFBR-1414T	30-Jun-00	31-Dec-00
QFBR-K101	HFBR-1414T	30-Jun-00	31-Dec-00
QFBR-K201	HFBR-2416TC	30-Jun-00	31-Dec-00
QFBR-OUTD000	NONE	31-Mar-00	31 Jun 00
QFBR-OUTS000	NONE	31-Mar-00	31 Jun 00
QFBR-OUTS1KM	NONE	31-Mar-00	31 Jun 00
QFBR-OUTS500	NONE	31-Mar-00	31 Jun 00
QFBR-OWD000	NONE	31-Mar-00	31 Jun 00
QFBR-OWS000	NONE	31-Mar-00	31 Jun 00
QFBR-OXD000	NONE	31-Mar-00	31 Jun 00
QFBR-OXS000	NONE	31-Mar-00	31 Jun 00
QFBR-P148	NONE	31-Mar-00	31 Jun 00
QFBR-P248	NONE	31-Mar-00	31 Jun 00
QFBR-R401	NONE	31-Mar-00	31 Jun 00
QFBR-R403	HFBR-2416	30-Jun-00	31-Dec-00
QFBR-R406	HFBR-2416	30-Jun-00	31-Dec-00
QFBR-R412	NONE	31-Mar-00	31 Jun 00
QFBR-R414	NONE	31-Mar-00	31 Jun 00
QFBR-R416	NONE	31-Mar-00	31 Jun 00
QFBR-R416	HFBR-2416	30-Jun-00	31-Dec-00
QFBR-R446	NONE	31-Mar-00	31 Jun 00
QFBR-R452	HFBR-2416TC	30-Jun-00	31-Dec-00
QFBR-R457	HFBR-1521/HFBR-2521	30-Jun-00	31-Dec-00
QFBR-R502	HFBR-1521/HFBR-2521	30-Jun-00	31-Dec-00



QFBR-R506	HFBR2528	30-Jun-00	31-Dec-00
QFBR-R507	HFBR-2528	30-Jun-00	31-Dec-00
QFBR-T400	NONE	31-Mar-00	31 Jun 00
QFBR-T401	NONE	31-Mar-00	31 Jun 00
QFBR-T402	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-T403	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-T406	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-T412	HFBR-1412	30-Jun-00	31-Dec-00
QFBR-T414	NONE	31-Mar-00	31 Jun 00
QFBR-T445	NONE	31-Mar-00	31 Jun 00
QFBR-T446	NONE	31-Mar-00	31 Jun 00
QFBR-T447	HFBR-1404	30-Jun-00	31-Dec-00
QFBR-T448	NONE	31-Mar-00	31 Jun 00
QFBR-T449	HFBR-1424	30-Jun-00	31-Dec-00
QFBR-T452	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-T453	HFBR-1414	30-Jun-00	31-Dec-00
QFBR-T456	HFBR-1424	30-Jun-00	31-Dec-00
QFBR-T457	HFBR-1414T	30-Jun-00	31-Dec-00
QFBR-T501	HFBR-1528	30-Jun-00	31-Dec-00
QFBR-T502	HFBR-1521	30-Jun-00	31-Dec-00
QFBR-T507	HFBR-1528	30-Jun-00	31-Dec-00
QFBR-T509	YES	30-Jun-00	31-Dec-00
QFCT-3990AFP	NONE	31-Mar-00	31 Jun 00
QFCT-3991AFP	NONE	31-Mar-00	31 Jun 00
QFCT-3992AFP	NONE	31-Mar-00	31 Jun 00
QFCT-3993AFP	NONE	31-Mar-00	31 Jun 00
QFCT-3994ASC	NONE	31-Mar-00	31 Jun 00
QFCT-3995AFP	NONE	30-Jun-00	31-Dec-00
QFCT-3996AFP	NONE	31-Mar-00	31 Jun 00
QFCT-3997AFP	NONE	31-Mar-00	31 Jun 00
QFCT-3998AFP	NONE	30-Jun-00	31-Dec-00
QFCT-3999AFP	NONE	31-Mar-00	31 Jun 00
QFCT-5287D	HFCT-5217D	30-Jun-00	31-Dec-00
QFCT-5288B	HFCT-5218D	30-Jun-00	31-Dec-00
QFCT-5291B	HFCT-5207	30-Jun-00	31-Dec-00
RCV1551-DN	RCV1551-FP	30-Jun-00	31-Dec-00
RCV1551-FP/A1	RCV1551-FP	31-Mar-00	31 Jun 00
RCV1551-FP/A2	RCV1551-FP	31-Mar-00	31 Jun 00
RCV1551-FP/A4	RCV1551-FP	31-Mar-00	31 Jun 00
RCV1551-FP/A7	RCV1551-FP	30-Jun-00	31-Dec-00
RCV1551-FP/A8	RCV1551-FP	31-Mar-00	31 Jun 00
RCV1551-FP/A9	RCV1551-FP	31-Mar-00	31 Jun 00



RCV1551-HP/B1	RCV1551-FP	30-Jun-00	31-Dec-00
RCV1551-LA	NONE	31-Mar-00	31 Jun 00
RCV1551-MU	NONE	31-Mar-00	31 Jun 00
RCV1551-ST/B2	RCV1551-ST	31-Mar-00	31 Jun 00
RGR1551-DN	NONE	31-Mar-00	31 Jun 00
RGR1551-LA	NONE	31-Mar-00	31 Jun 00
RGR1551-LD	NONE	31-Mar-00	31 Jun 00
RGR1551-LE	NONE	30-Jun-00	31-Dec-00
RGR1551-SC/A4	RGR1551-SC	31-Mar-00	31 Jun 00
RGR1551-ST/A1	RGR1551-ST	31-Mar-00	31 Jun 00
RGR1551-ST/A3	RGR1551-ST	31-Mar-00	31 Jun 00
RGR1622-FP/A6	RGR1551-FP	31-Mar-00	31 Jun 00
RGR1622-SC/A6	RGR1551-SC	30-Jun-00	31-Dec-00
RGR1622-ST/A5	RGR1551-ST	30-Jun-00	31-Dec-00
RGR2622-MU	NONE	31-Mar-00	31 Jun 00
XMT5170A-155	NONE	31-Mar-00	31 Jun 00
XMT5170A-155-FP	NONE	Part Number Change	NONE
XMT5170A-155-SC	NONE	Part Number Change	NONE
XMT5170A-155-ST	NONE	Part Number Change	NONE
XMT5170A155ST A9	XMT5170A155ST	31-Mar-00	31 Jun 00
XMT5170A155ST B1	XMT5170A155ST	31-Mar-00	31 Jun 00
XMT5170A-622	NONE	IMMEDIATE	NONE
XMT5170A-622-AP	NONE	IMMEDIATE	NONE
XMT5170A-622-AS	NONE	IMMEDIATE	NONE
XMT5170A622AS A2	NONE	IMMEDIATE	NONE
XMT5170A622FP	NONE	IMMEDIATE	NONE
XMT5170A-622-FP	NONE	IMMEDIATE	NONE
XMT5170A-622-SC	NONE	IMMEDIATE	NONE
XMT5170A622SC	NONE	IMMEDIATE	NONE
XMT5170A622ST	NONE	IMMEDIATE	NONE
XMT5170A-622-ST	NONE	IMMEDIATE	NONE



XMT5170A622ST A1	NONE	IMMEDIATE	NONE
XMT5170B-155- FP	NONE	Part Number Change	NONE
XMT5170B155FP A6	XMT5170B155FP	31-Mar-00	31 Jun 00
XMT5170B-155- MU	NONE	31-Mar-00	31 Jun 00
XMT5170B-155- SC	NONE	Part Number Change	NONE
XMT5170B-155- ST	NONE	Part Number Change	NONE
XMT5170B-622- AP	NONE	IMMEDIATE	NONE
XMT5170B-622- BT	NONE	IMMEDIATE	NONE
XMT5170B-622- DN	NONE	IMMEDIATE	NONE
XMT5170B-622- FP	NONE	IMMEDIATE	NONE
XMT5170B-622- LA	NONE	IMMEDIATE	NONE
XMT5170B-622- LD	NONE	IMMEDIATE	NONE
XMT5170B622LD A5	NONE	IMMEDIATE	NONE
XMT5170B-622- SC	NONE	IMMEDIATE	NONE
XMT5170B-622- ST	NONE	IMMEDIATE	NONE
XMT5170B622FP	NONE	IMMEDIATE	NONE
XMT5170B622SC	NONE	IMMEDIATE	NONE
XMT5170B622ST	NONE	IMMEDIATE	NONE
XMT5370A155	NONE	IMMEDIATE	NONE
XMT5370A-155	NONE	IMMEDIATE	NONE
XMT5370A- 155/B4	NONE	31-Mar-00	31 Jun 00
XMT5370A155DN	NONE	31-Mar-00	31 Jun 00
XMT5370A-155- FP	NONE	Part Number Change	NONE
XMT5370A155FP A1	NONE	31-Mar-00	31 Jun 00



XMT5370A155FP A9	NONE	31-Mar-00	31 Jun 00
XMT5370A155HP A5	NONE	30-Jun-00	31-Dec-00
XMT5370A-155- SC	NONE	Part Number Change	NONE
XMT5370A-155- ST	NONE	Part Number Change	NONE
XMT5370A622	NONE	IMMEDIATE	NONE
XMT5370A-622	NONE	IMMEDIATE	NONE
XMT5370A-622- FP	NONE	Part Number Change	NONE
XMT5370A-622- SC	NONE	Part Number Change	NONE
XMT5370A-622- ST	NONE	Part Number Change	NONE
XMT5370B-155- DN	NONE	30-Jun-00	31-Dec-00
XMT5370B-155- FP	NONE	Part Number Change	NONE
XMT5370B155FP A1	XMT5370B155FP	31-Mar-00	31 Jun 00
XMT5370B155FP A9	XMT5370B155FP	31-Mar-00	31 Jun 00
XMT5370B155LA	NONE	31-Mar-00	31 Jun 00
XMT5370B-155- LD	NONE	31-Mar-00	31 Jun 00
XMT5370B-155- MU	NONE	31-Mar-00	31 Jun 00
XMT5370B-155- SC	NONE	Part Number Change	NONE
XMT5370B-155- ST	NONE	Part Number Change	NONE
XMT5370B-622- FP	NONE	Part Number Change	NONE
XMT5370B622HP	NONE	30-Jun-00	31-Dec-00
XMT5370B-622- LD	NONE	31-Mar-00	31 Jun 00
XMT5370B-622- MU	NONE	31-Mar-00	31 Jun 00
XMT5370B-622- SC	NONE	Part Number Change	NONE



Agilent Technologies
Innovating the HP Way

XMT5370B-622-
ST

NONE

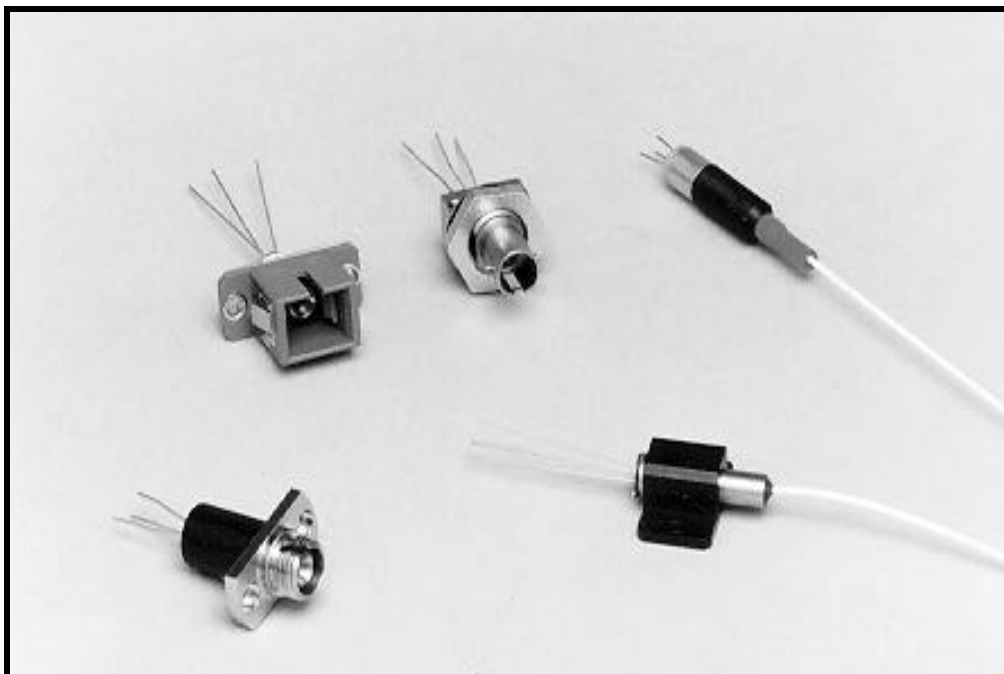
Part Number Change

NONE

PD-LD Inc. offers 1300 nm ELEDs in ready-to-use, fiber-coupled packages, including FC, ST and SC receptacles, as well as fiber-pigtailed units. These 1300 nm Edge Emitting type devices have been optimized for coupling into 9/125 micron optical fiber for use in singlemode fiber optic applications. The semiconductors inherently fast rise and fall times make them ideal for use in those applications where bandwidth is essential.

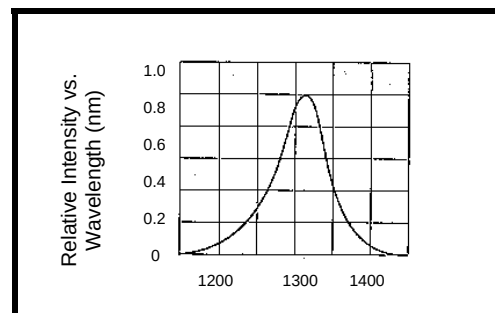
The InGaAsP ELEDs offered by PD-LD are of proven design and manufacture; the standard wavelength is centered at 1310 nm. The minimum fiber-coupled output power is 8 microwatts (-21 dBm) and typically is 10 microwatts.

All ELEDs are packaged inside hermetic TO18 cans. Pigtailed or receptacle mounting starts with a proprietary alignment sleeve which contains optical and mechanical elements necessary for holding the fiber or mating to a connector. Both receptacle and pigtail packages are made using an active micro-positioning system and proven packaging techniques. Optional board-mount flange, as shown in photo, is available for pigtailed devices.



Applications

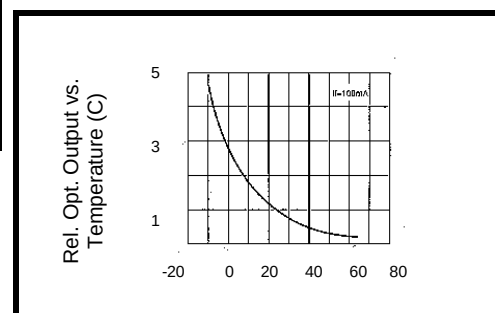
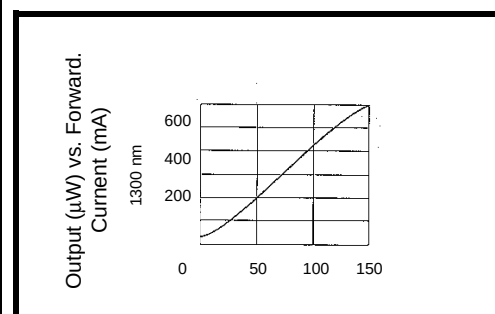
- o Fiberoptic communications systems
- o Fiberoptic test instrumentation
- o Optical sensing devices



Performance Specifications

PD-LD Part No. ¹ (See Reverse)	Wavelength (nm)/ Bandwidth (FWHM)			Fiber Coupled Power (μW)			Iop & Iop Max. (mA)
	Min.	Typ.	Max.	Min.	Typ.	Max.	
InGaAsP 1300 ELEDs @ 25C, 100 mA							
PLD-E13-306-008-PH1-100	1270	1300	1330	8	10	-	100
	-	60	100	coupled 9/125 SMF			150
PLD-E13-306-008-FC1	1270	1300	1330	8	10	-	100
	-	60	100	into 9/125 SMF FC			150
PLD-E13-306-008-SC1	1270	1300	1330	8	10	-	100
	-	60	100	into 9/125 SMF SC			150
PLD-E13-306-008-ST1	1270	1300	1330	8	10	-	100
	-	60	100	Into 9/125 SMF ST			150

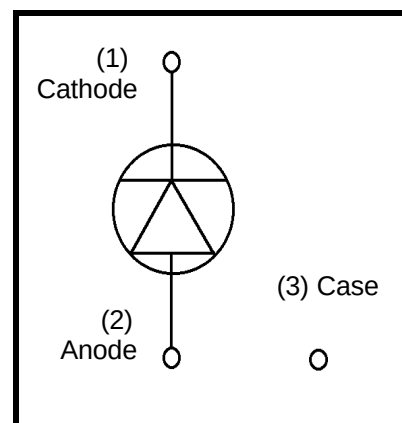
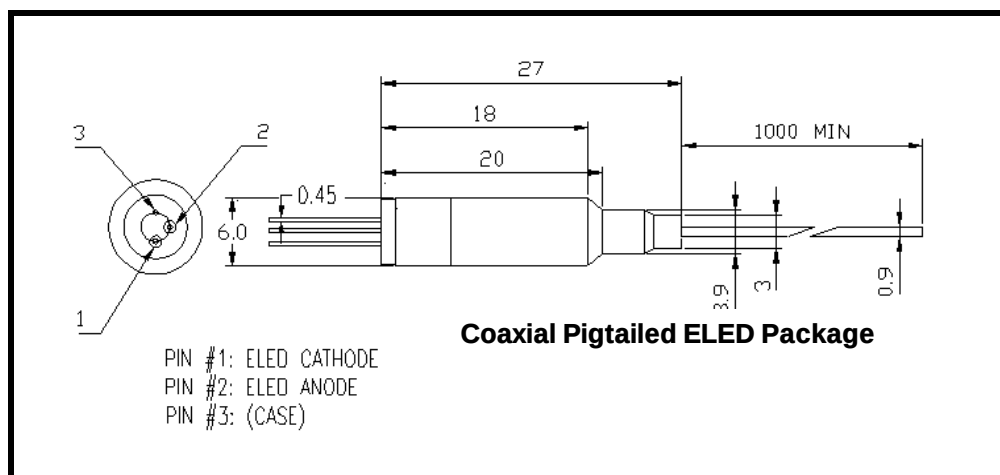
Typical ELED Characteristics



¹Examples only; devices may be specified for multimode fiber. ; contact Sales Dept.

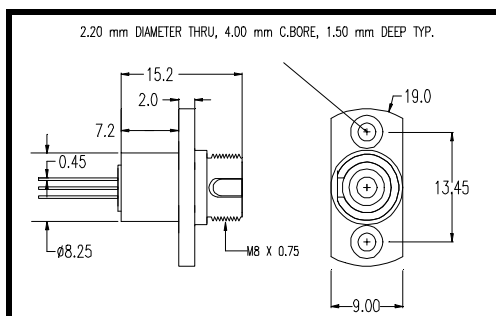
Physical Dimensions (mm)

A press-fit panel mount is available; see ordering information.

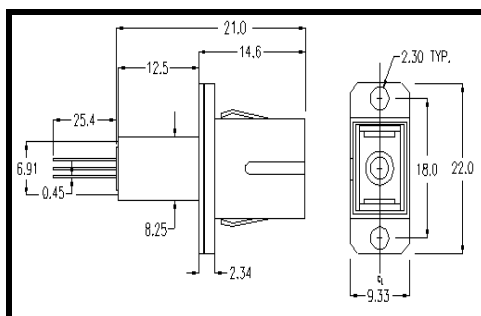


ELED Pinout

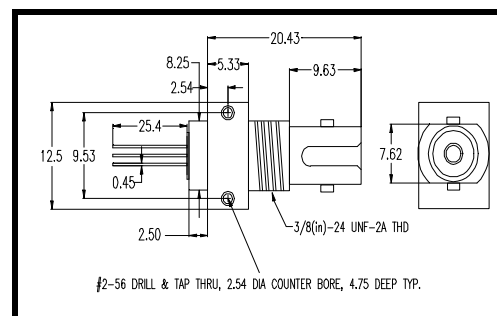
FC Receptacle



SC Receptacle



ST Receptacle



Ordering Information

ELEDs - Pigtailed & Receptacle

PLD-EXX-BBB-PPP-RRF-MCC

E = ELED

BBB = Device Identification

Specific to and assigned by PD-LD, Inc.

XX = Wavelength

13 = 1300 nm

PPP = Fiber-Coupled Power

005 = 0.005 mW (5 μ W)

020 = 0.02 mW (20 μ W)

010 = 0.010 mW (10 μ W)

050 = 0.05 mW (50 μ W)

015 = 0.015 mW (15 μ W)

100 = 0.10 mW (100 μ W)

F = Fiber Type

1 = 9/125 SMF

2 = 50/125 MMF

3 = 62.5/125 MMF

4 = 100/140 MMF

5 = 9/125 SMF LBR

RR = Receptacle or Pigtail

FC = FC Receptacle

ST = ST Receptacle

SC = SC Receptacle

PT = Pigtail, 250 μ m tight buffer

PC = Pigtail, 500 μ m tight buffer

PH = Pigtail, 900 μ m PVC buffer (std)

PK = Pigtail, 3 mm cable PVC (standard)

QH = Pigtail, 900 μ m w/ panel mt

QK = Pigtail, 3 mm w/ board mount

M = Length in meters (1,2,3,5,etc.) (pigtailed devices only)

CC = Connector Type (pigtailed devices only)

ST = ST

SC = SC

FC = FC PC

FU = FC/UPC

OO = No Connector

TA = ST/APC

SA = SC/APC

FA = FC/APC

D4 = D4

BC = Biconic