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Celebrating the second millennium: AD2000 in coins

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The year 2000 in the Gregorian calendar, the most widely accepted calendar system in the world, was deemed to be one of the most important events of the time and much hype and planning by enterprising peoples and countries ensued to capture opportunities surrounding this once-in-a-thousand-years' event. No opportunity was lost to capitalise on this historic occasion and, in 1996 with the new millennium fast approaching, many government and private mints and numismatic agencies prepared to approach their client countries to issue commemorative coinage for the year 2000.

These mints and agencies had, since the mid-1960s, been promoting and marketing special coins commemorating significant events and programmes relating to their client countries, for which the countries received large royalty payments, and the presentations submitted by them for the issuing of the millennium coins was generally favourably received.

As planning got under way, a number of interesting developments occurred. It was pointed out that the year 2000 heralded a possible catastrophic phenomenon – the “Millennium

Bug” – with the likelihood of world-wide breakdown in communications and massive computer glitches (as it was thought computers would not be able to automatically roll over from 1999 to 2000), resulting in aircraft being immobilised and widespread disruptions throughout the world; none of this eventuated. At the dawn of the new millennium, computer experts from around the world were focused on countries immediately to the west of the International Date Line, like Kiribati, as they would be the first affected should computers fail. This created additional international interest in that particular small Pacific nation.

Also, much discussion was being aired in the press, particularly in Britain and in Australia, about the correct starting date of the new millennium. The Royal Greenwich Observatory produced a Special Information Leaflet stating that, “The date of the start of the new millennium is 1 January 2001 and not, as some would have it, the year 2000.”¹ These comments were virtually ignored – the world saw 1st January 2000 as the start of the new millennium, and that was that!

Royal Greenwich also criticised the

controversial decision of the Republic of Kiribati to “declare that all the islands that it comprises will use the same date”² regardless of which side of the International Date Line they were.

And then, a number of countries in the Pacific Ocean near the International Date Line looked at having special promotions to attract tourists to be the first to “see the old millennium out” or “to see the new millennium in” in their respective countries (Fig. 1).

These discussions fired the imagination of many promoters and one of the most novel proposals was presented to MDM Deutsche Münze (MDM), a leading European marketer of commemorative coins. It was suggested that a commemorative coin be issued by the last country to see the old millennium out and another to be issued by the first country to see the new millennium in, and that both coins be split and separated by the International Date Line (Fig. 2).

MDM advised that it was very

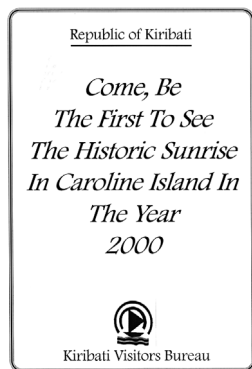


Figure 1. Promotional brochure distributed by Kiribati.

interested in this proposal and set about assessing and planning the necessary steps to produce such commemorative coins.

At that time, I was working for MDM in Germany as Project Manager and Manager International Agencies. My role was to present commemorative coin concepts to countries of the Pacific, South-East Asia and Africa whereby they would gain royalty income from MDM’s marketing and sale of the coins for them. Briefly, this involved presenting relative design concepts to selected countries, obtaining approvals from the Central Banks or Finance Ministers, and arranging for appropriate numismatic agreements to be drawn up and executed. On the technical side, I had to ensure that designs were appropriate and met requirements, not only of the country concerned, but also of the relative collector market, which meant liaising with artists, selected security mints and government authorities of the issuing country to ensure that all aspects were considered and completed up to pre-production stage, including approval of the plaster moulds used for engraving the actual dies.

Last and first countries – which would they be?

The first step was to find the respective “first” and “last” countries. Approaches were made to the Royal Greenwich Observatory to find the appropriate countries straddling the International Date Line, which passes

Joseph d'Armenia

Mr Johann Heeren.
MDM

April 26th 1996.

The Dawning of the New Age.

Below is a possible design idea proposed by David Cornell for this coin. Other ideas to be submitted.

1. Motif.

On the left hand side of the coin.
(Symbolic of the old age)

Old Father Time is facing to the right and kneeling on his right knee. He is looking up toward the young woman standing tall on the right hand side of the coin.

His left hand holds the trident. His right arm is stretched out and up at 45 degrees to the young woman

The fingers of his right hand touching the division symbolic of the international dateline.

On the right side of the coin.
(Symbolic of the new age)

Young woman standing and leaning forward facing to the right towards a rising sun at the extreme right hand of the coin.

Her right arm leans backwards at 45 degrees. Her fingers almost touching the raised fingers of Old Father Time on the international dateline.

Her left hand is raised upwards in the direction of the rising sun.

2. Execution.

The left hand side. Background in a matt dark metallic silver alloy. Figure of old Father Time in a brilliant proof quality.

The right hand side. Background silver proof. Figure of the young woman is frosted. The sun is in gold.

The legend is split across the two halves.
The words : "The Dawning of" on the left hand side.
"the new age" on the right hand side.

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Figure 2. Joe d'Armenia's concept.

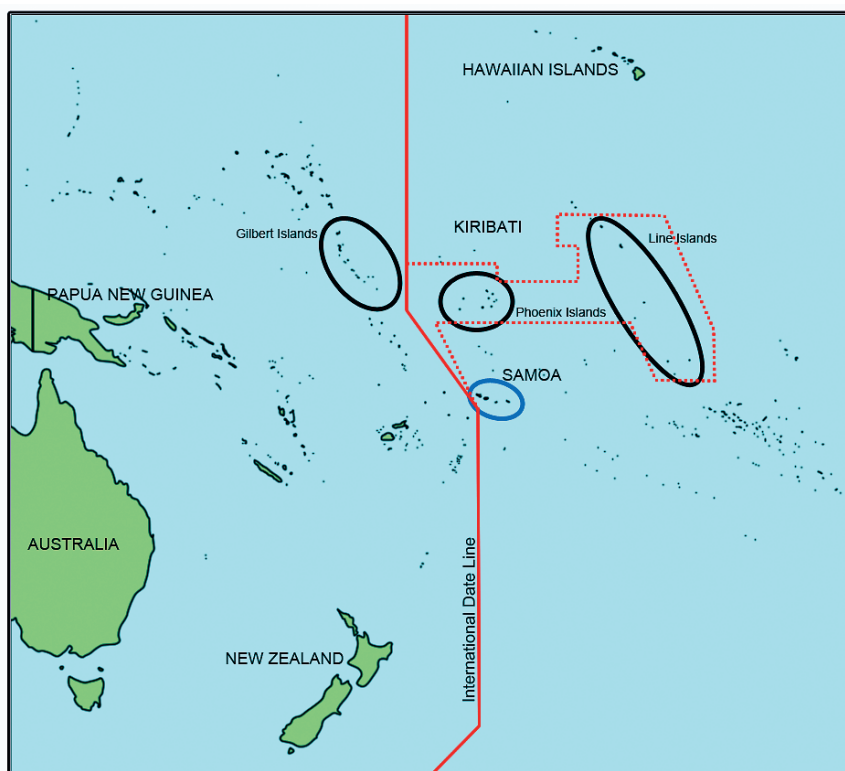


Figure 3. Pacific map with International Date Line. Kiribati Islands are indicated in black, Samoa in blue. The adjustment to the IDL is demonstrated by the dotted red line (drawn by Rebecca Banks).

from the North Pole, through the Bering Straits between Russia and the United States, into the Pacific Ocean and down east of New Zealand to the South Pole (Fig. 3).

Royal Greenwich advised the sunrise times on 1 January 2000, based on Greenwich Mean Time (GMT), at various locations, calculated on their coordinates east of Greenwich.³ Many of these are uninhabited:

Balleney Is (Antartica) (Uninhabited)	1341hrs
Caroline Is (Kiribati) (Uninhabited)	1543hrs

Cape Carr (Antartica) (Uninhabited)	1546hrs
Pitt Is (Chatham Is) (Uninhabited)	1605hrs
Christmas Island (Kiribati) (Population over 1000)	1633hrs
East Cape (New Zealand)	1647hrs
Raoul Is (Kermadec Is)	1654hrs
Vava U (Tonga)	1703hrs

Royal Greenwich had commented that Samoa had “a good claim to being ‘the last place of sunset’”⁴ but the necessary calculations for this had not been done.

MDM had numismatic



Figure 4. Initial designs showing Father Time and Date Line.



Figure 5. Example of wire erosion jagged line cut through sample Euro coin.

agreements with the Pacific nations of Western Samoa, Kiribati, Tonga, Tuvalu, Fiji and had links with New Zealand and Pitcairn Island, and it was considered that Western Samoa would be the logical choice as the last country to see the old millennium out, and Kiribati as the first to see the new millennium in.

A series of concepts and coin designs were prepared linking the past to the present and to the future, with the coats of arms of both countries featured on either side of the International Date Line, which split a round coin in two (Figs 2 and 4).

A number of mints were then approached to see if a round coin could satisfactorily and cleanly be cut along the Date Line. This was the period that various European countries and mints were preparing sample Euro coins, and an advisory company, Euromint, was able to supply a sample coin, cleanly cut and finely split in two by wire erosion process produced by Münz-Prägstatt GmbH München (Munich Mint) (Fig. 5).

Appointments were then made

to see the Finance Ministers of both Western Samoa and Kiribati, seeking their approval for the split coin concept and to show them the sample split coin and the initial designs.

Royalty opportunities for participating countries

It was proposed that, for the issue to be successful, a series of coins should be issued in 1997, 1998, 1999 and 2000 and marketed around the world with royalties being paid to both countries based on the number of coins sold. Both countries showed much interest and agreed to sign appropriate agreements once the designs and details had been satisfactorily finalised.

Design development and variations

Initial designs were personally presented to the Finance Ministers of both countries (Fig. 6).

Kiribati was concerned that the face value of the Western Samoa coin was double that of Kiribati (\$5 vs. \$10) and that the Western Samoa segment seemed larger than theirs. It was also

of concern to Kiribati that the designs depicted showed that there were two series of islands (atolls) in the Kiribati chain of Islands when, in fact, there were three, and that two of their islands, Christmas and Caroline Islands, were actually located on the Eastern side of the International Date Line.

The Republic of Kiribati comprises 33 low-lying atolls and coral islands, straddling the equator and the International Date Line, in three groups – 16 in the Gilbert Islands, together with Banaba far to the west, 8 in the Phoenix Islands and 8 in the Line Islands (Fig. 3).

Discussions with Royal Greenwich Observatory had indicated that a country could marginally vary the International Date Line passing through it to include outer islands into its normal time zone provided it was approved and gazetted by the Government of the day. This was passed on to the Government of Kiribati and it subsequently decreed that Christmas and Caroline Islands would be designated to be on the Western side

of the International Date Line and the Date Line was re-adjusted accordingly (Fig. 3).

This enabled the whole of Kiribati to be shown on its part of the split coin and the coin design was amended to include a new stylized delineation of the International Date Line with the appropriate changes satisfactory to Kiribati.

In the meantime Western Samoa advised that it had changed its name to just Samoa and no longer required to have “I SISIFO” attached to its name on its currency. This simplified the design parameters enormously and, when Samoa agreed to reduce the value of its part of the split coin to \$5, the same as for the Kiribati part, the new millennium coins were now able to be finalised and authorised by both governments (Fig. 7), and production and marketing could now proceed (Fig. 8).

World-wide involvement in 2000 for commemorative coins

The year 2000 was a very popular



Figure 6. Design development.

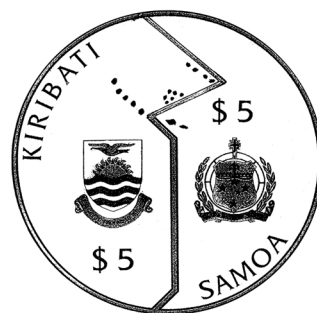


Figure 7. Amended coin design to include new stylised International Date Line and changes agreed by Samoa

year for commemorative coinage. The millennium coins had to compete with the Sydney 2000 Olympics and the Queen Mother's 100th Birthday, both popular topics for commemorative coin collectors (along with Endangered Wildlife and the History of Seafaring, which were on-going), as well as the 2000th Anniversary of Christianity.

Modern world coin catalogues show at least 75 countries issued commemorative coins for the millennium, prior to and during the year 2000, (as well as in 2001 and 2002), and they issued a total of more than 240 separate coins, expressly as millennium

coins (Appendix 1).

A number of coins from countries, like those of Britain, France, Italy and New Zealand, had not been specifically designated as "millennium" coins, but were clearly so; these countries have been included among the 75.

Many countries highlighted their coins as "Third Millennium," others linked their millennium coins with space travel (Russia), elements of the Zodiac (Liberia) or famous figures or icons during the 20th Century (Somalia). Zambia even called its 5000 Kwacha Sterling silver coin, issued in 2000, as "Millennium Olympics" (Fig. 9j.). Some countries like Jordan and Switzerland linked the millennium with the birth of Jesus. All of these have been included in the listing, although those issued by Andorra in 1999 as "Jubilee 2000" (with biblical scenes) and the Vatican City in 2000, for "2000 Years of Christianity," have not.

Eight countries, Australia, Gibraltar, Hungary, Isle of Man, Mexico, Poland, Slovakia and Ukraine issued coins for the millennium in 2001, and one country, Jamaica, issued a millennium coin in 2002, all obviously taking advantage of the opinions of those who felt that the new millennium really started on 1 January 2001 (Appendix 2). All, by the way, had issued commemorative millennium coins prior to or during the year 2000.

Those countries which issued the most coins for the millennium were:

The advertisement is for a special offer from MDM (Deutsches Münzen Magazin). It features a large image of a split coin, with the left half showing the obverse of a Kiribati 5\$ coin and the right half showing the reverse of a Samoa 5\$ coin. Below this, several other commemorative coins are displayed, including one from Kiribati and another from Samoa. The text is in German and highlights the 'Numismatische Weltpremiere' (Numismatic World Premiere) of these split coins. It includes details about the coins' design, their historical significance, and the offer price. A red box in the bottom left corner contains contact information for MDM.

Kontaktschrift der MDM Münzhandelsgesellschaft mbH Deutsche Münze

DAS TOP-ANGEBOT DES MONATS

Die ERSTEN DOPPELMÜNZEN ZUR JAHRTAUSENDWENDE

Numismatische Weltpremiere

Die Inselstaaten Kiribati und Samoa sind nur wenige Kilometer voneinander entfernt. Und doch wird man dort den Wechsel ins nächste Jahrtausend mit einem Zeitunterschied von 24 Stunden begehen. Denn zwischen diesen beiden Inseln verläuft die Datengrenze. Auf Kiribati knüpfen die Sekundoren so früh wie nirgendwo sonst auf der Welt und die Sommer werden die letzten Menschen sein, die von alten Jahrtausend Abschied nehmen. Dieses Phänomen sind Pate für die ungewöhnlichsten Münzangeboten aller Zeiten: die Doppelmünzen. Jede dieser Prägnanten besteht aus zwei halbkugeln, die im jeweiligen Land offizielles Zahlungsmittel sind und zusammengefügt ein harmonisches Ganzes ergeben. Die gezeigte Trennungslinie deutet den Verlauf der Datengrenze an. Ein Novum in der Numismatik ist aber nicht nur die Form, sondern auch die Kombination von zwei nationalen Münzen zu einer globalen, grenzüberschreitenden Gedenkmünze.

Die meisterhaft gestalteten Motive dieser sensationellen Doppelmünzen aus feinem Sterling-Silber zeigen einen großen Themen der Menschheit: Krieg und Frieden, „Jochen und Imperier“, Menschen und Monumente, „Welt im Wandel“, das auch in reines Gold (999/1000) geprägt wurde. Sichern Sie sich das einmalige Komplett-Set: Millennium 2000 in Silber und Gold noch heute zum Preis von nur 798,- DM. Bestell-Nr. 56269-1158. Das „Millennium 2000“ Silber und Gold noch heute zum Preis von nur 450,- DM. Bestell-Nr. 56272-1106. Die Gold-Gedenkmünze „Tempora Mutantur“ für nur 398,- DM. Bestell-Nr. 54247-1176.

Aus 2 mach 1:
Die Münzen aus Kiribati und Samoa ergänzen sich.

Die Doppelmünzen aus Ozunen haben eine außergewöhnliche Form: halbkugeln und geschnitten. Erst wenn man sie zusammenfügt, ergeben sie ein harmonisches Ganzes. Eine Trennungslinie symbolisiert die Datengrenze auf der Schwelle ins nächste Jahrtausend.

0180-32727
Kauf Sie hier die Münzen zu Sonderpreisen!

Figure 8. Advertisement from MDM Journal Jan 1999 inserted in Deutsches Münzen Magazin Jan/Feb 1/99, showing the obverse of the split coin and the design concepts for each of the different reverses with descriptions for each.

- Liberia – with 24 separate coin issues. (Liberia also issued another 27 separate coins in 2000, featuring different US leaders and celebrities with a heraldic Liberty eagle; these could not be classed as millennium coins)
- Somalia – with 16 coins
- Kiribati – with a total of 14 coins. (In addition to the 9 split coins issued together with Samoa, through MDM, Kiribati also used another company to issue another 5 regular shaped coins for the millennium)
- Canada – with 12 coins. (These were issued as proof coins of 12 separate circulating currency coins produced expressly for the millennium)
- Cuba – with 12 coins, and
- Samoa – with the 9 split coins, all linked to Kiribati split coins.

Additional research was also carried out to check whether Ethiopia issued any commemorative coins when it celebrated its millennium in 2008. Ethiopia's calendar commenced 7 years and 8 months after the advent of AD dating and, although it had a number of millennium celebratory activities in 2008, it did not issue any commemorative coins.

Many different millennium designs and shapes

There were many varied and unusual designs produced by the various countries for the millennium coinage, including irregular shapes (Cyprus,

Fig. 9g.), map shape (Zambia, Fig. 9j.), various 3, 4, 5, 6, 7, 8, 10 and 12 sided coins (Armenia, Fig. 9e., Tuvalu, Fig. 9i.), scalloped edges (Singapore, Fig. 9a.), rectangles (Malta, Fig. 9h.), squares, triangles, pierced zeros in the figure 2000 (Bulgaria, Fig. 9b.), some with holes (Guernsey, Fig. 9d., Latvia, Fig. 9c.), holograms, multi-colours, digital clocks (St Thomas & Prince Islands, Fig. 9f.) and bi- and tri-metals.

Many of the various coin shapes (multiple edges) and distinctive millennium designs were offered by MDM to their stable of countries as part of their Millennium Masterpiece Collection, jointly presented with the British Royal Mint, ensuring that each was distinctive and different from the others. Perhaps the most interesting and unique of them all were the split coins of Kiribati and Samoa.

Both Kiribati and Samoa were proud to have been linked to such a coin programme, and the close ties between both countries were even more evident when MDM was also able to influence both the Kiribati and Samoa governments to issue their cupro-nickel split coins, this time joined together as a single piece, in 1999, a first, with two countries coats of arms on one coin. This has not been done before by any other two countries. This coin is not included in the 2009 Krause Publications Standard Catalog of World Coins, but perhaps it will find a place in their next edition of Unusual World Coins.

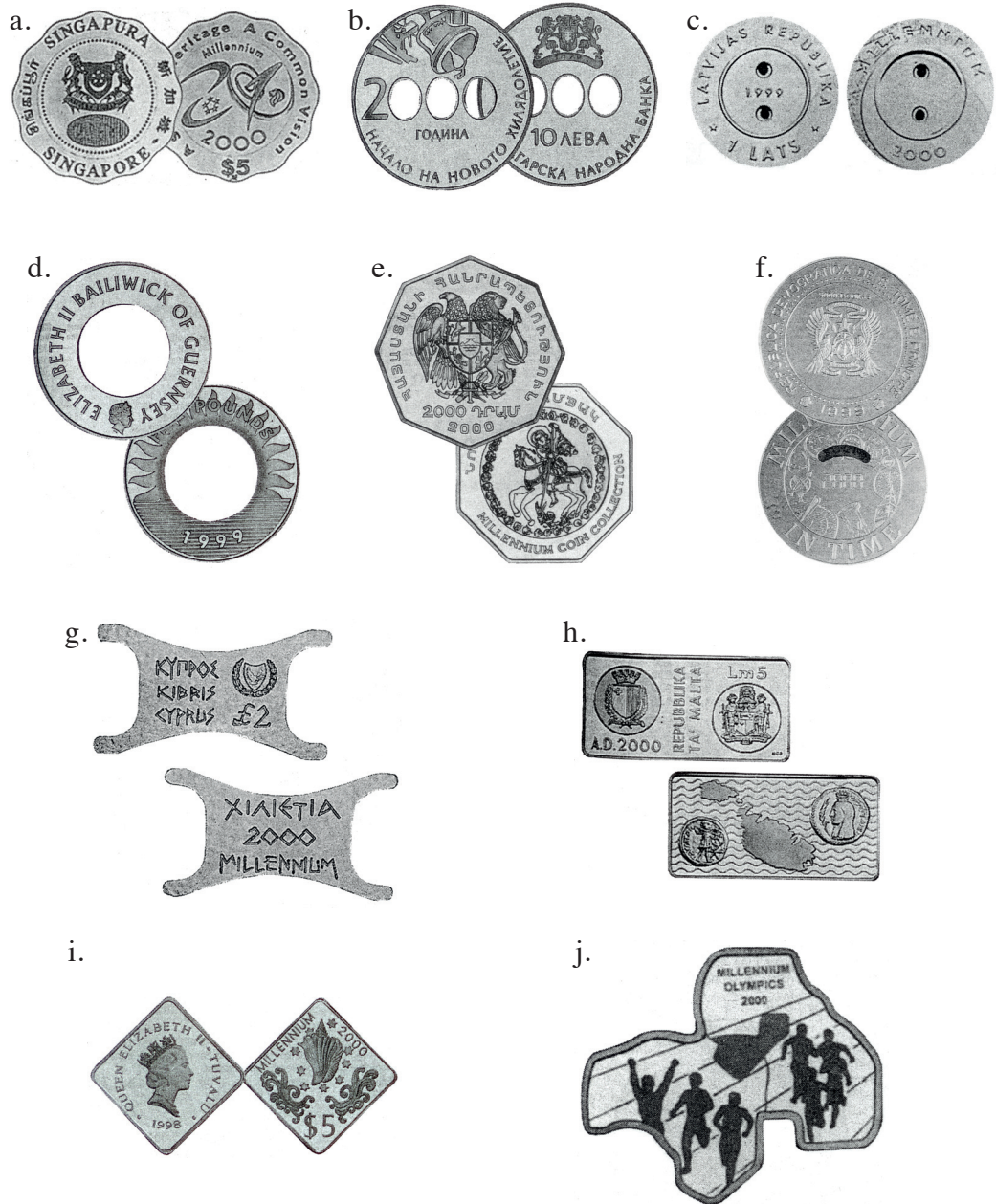


Figure 9. Some of the unusual coin designs produced for the millennium:
a. Singapore; b. Bulgaria; c. Latvia; d. Guernsey; e. Armenia; f. St Thomas and Prince Islands; g. Cyprus; h. Malta; i. Tuvalu; j. Zambia (for specifications see Appendix 1).



Figure 10. Sterling silver split coin of Samoa and Kiribati.

1997 Coin of the Year Award

The dual Samoa/Kiribati split coin design (Fig. 10) was awarded the honour of being the “Most Innovative Coin for 1997” by the American Numismatic Association (ANA), and the award was presented to MDM at the Coin of the Year Awards at the ANA Convention in the USA in 1999.

The Millennium Collection

With at least 75 countries participating in producing over 240 commemorative coins for the millennium, this would appear to be the largest number of countries worldwide ever to issue commemorative coins for a single event. This presents a daunting task for anyone dedicated enough to collect all the coins from all the countries that participated!

Acknowledgements

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Adelaide.

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- Bruce II, Colin R. (Ed) (2007) *Standard Catalog of World Coins 2001-2008*, Krause Publications.
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Notes

1. Royal Greenwich Observatory (1996) *Special Information Leaflet: No.22 ‘The First Sunrise of the New Millennium’*, Information Services Department of the Royal Greenwich Observatory, 12 Feb 1996: 1.
2. *Ibid*: 1.
3. *Ibid*: 2.
4. Personal correspondence between Dr. Peter J. Andrews, Head of Informational Services, Royal Greenwich Observatory and Mr J. d’Armenia, 1 April 1996.

Barrie Newman was Project Manager and Manager, Numismatic Agencies during the 1990s to MDM Deutsche Münze, a leading German commemorative coin marketing organization and he was involved in the development of a number of coin issues for the Millennium 2000 including the Kiribati/Samoa split coin. For the last three decades of the twentieth century, operating out of Adelaide, South Australia he designed and promoted commemorative coins for third world countries in the Pacific and Asia. Barrie is a Past President and currently Secretary of the Numismatic Society of South Australia and is Executive Director of The Adelaide Mint.

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Appendix 1

List of coins issued by 75 countries for the Millennium 2000

COUNTRY	DATE	METAL	DENOM	TITLE/SUBJECT	FINISH	DESIGN PARTICULARS
Afghanistan	1999	.999 Ag	500 Afghani	Third Millennium	Proof	millennium change design
Andorra	1999	Bimetal Ag/brass	5 Diners	World Globe	Proof	globe amid sun, planets, stars
Armenia	2000	.925 Ag	2000 Drams	Millennium	Proof	St George slaying dragon [8 sided]
Australia	2000	CuNi	50c	Millennium year	Unc	Aust flag design [12 sided]
	2000	CuNi	50c	Millennium year	Proof	Aust flag design [12 sided multicolour]
	2000	.999 Ag	1 Dollar	Millennium year	Prooflike	Au inlay earth with radiant sun
	1999	Bimetal .999 Ag Cu centre	10 Dollars	Millennium - past	Proof	seedling on map of Aust
	2000	.999 Ag	10 Dollars	Millennium - present	Proof	tree on map of Aust
Bahamas	2000	Bimetal .999 Au	20 Dollars	Third Millennium	Proof	Satellite view of earth
	1996	centre/.999 Ag outer				
	1996	.999 Ag	1 Dollar	Third Millennium	Proof	artistic shell shape map of world
	1996	.9999 Ag	2 Dollars	Third Millennium	Proof	artistic shell shape map of world
	1996	.9999 Au	5 Dollars	Third Millennium	Proof	artistic shell shape map of world
	1996	.9999 Au	10 Dollars	Third Millennium	Proof	artistic shell shape map of world
	1996	.9999 Au	25 Dollars	Third Millennium	Proof	artistic shell shape map of world
Belarus	1996	.9999 Au	50 Dollars	Third Millennium	Proof	artistic shell shape map of world
	1999	CuNi	Rouble	2000 years	Proof	Bethlehem view
Bermuda	1999	CuNi	1 Dollar	Millennium	Unc	radiant sun behind sailing ship
	1999-2000	.925 Ag	2 Dollars	Millennium	Proof	radiant sun behind sailing ship
	2000	.999 Au	20 Dollars	New millennium	Proof	radiant sun behind sailing ship
Bulgaria	2000	.8 Ag	10 Leva	The Year 2000	Proof	bell above 2000 date [pierced zeros in 2000]
Canada	1999	.925 Ag	25 cents	Millennium	Proof	12 separate designs - one each month Jan-Dec
Cayman Is	2000	.999 Ag	2 Dollars	Millennium	Proof	ornate clock [scalloped edge]
Chad	2000	Ag	500 Fr	Millennium	Proof	Date atop radiant map of Africa
China	2000	.9999 Au	30,000 Yuan	Third Millennium	BU	China Centenary altar [mintage 20]
Congo	2000	.999 Ag	10 Fr	Millennium Space Travel	Proof	footprint on moon [rectangular shape]
Cook Islands	1999	.925 Ag	5 Dollars	Millennium 2000AD	Proof	Christian symbol above pagan god [7 sided]
Cuba	2000	CuNi	Peso	Towards a new millennium	Unc	Dove of Peace covering world map
	2000	CuNi	Peso	Welcome the third millennium	Unc	stars and solar system
	2000	CuNi	Peso	Welcome to new millennium	Unc	Hot air balloons above earth

	2000	.999 Ag	10 Pesos	Towards a new millennium	Proof	Dove of Peace covering world map stars and solar system
	2000	.999 Ag	10 Pesos	Welcome the third millennium	Proof	Hot air balloons above earth stars and solar system
	2000	.999 Ag	10 Pesos	Welcome to new millennium	Proof	stars and solar system
	2000	.999 Au	50 Pesos	Welcome the third millennium	Proof	Hot air balloons above earth stars and solar system
	2000	.999 Au	50 Pesos	Welcome to new millennium	Proof	Dove of Peace covering world map
	2000	.999 Au	50 Pesos	Towards a new millennium	Proof	Dove of Peace covering world map stars and solar system
	2000	.999 Au	100 Pesos	Welcome the third millennium	Proof	Hot air balloons above earth stars and solar system
	2000	.999 Au	100 Pesos	Welcome to new millennium	Proof	national arms/3 line inscription [irregular shape]
Cyprus	2000	bronze	2 Pounds	Millennium	Unc	national arms/3 line inscription [irregular shape]
	2000	Au	100 Pounds	Millennium	Unc	clock works
Czech Republic	2000	Cu plated steel	10 Korun	Year 2000	Proof & Unc	astrolab
	2000	Brass plated steel	20 Korun	Year 2000	Proof & Unc	stylized phoenix
	2000	.9 Ag	200 Korun	New millennium	Proof & Unc	stylized 2000
	1999	Bimetal .999 Au & Ag	2000 Korun	Millennium	Proof & Unc	ship, palm trees & radiant sun
East Caribbean States	2000	.917 Au	2000 cents	Millennium	Unc	
Falkland Islands	1999	Bimetal CuNi/Brass	2 Pounds		Proof & Unc	radiant sun & island map
	1999-2000	Bimetal Ag/Au plated	2 Pounds		Proof	radiant sun & island map
Fiji	1999	.925 Ag	5 Dollars	Millennium 2000	Proof	woman, map & 180 meridian [5 sided]
Finland	2000	.925 Ag	100 Markkaa	Jubilee Yr 2000	Proof & Unc	Turku Cathedral
France	2000	CuNi	5 Francs	2000 yrs French coinage	Unc	AD 1st century celtic stater coin design
	2000	CuNi	5 Francs	2000 yrs French coinage	Unc	Charlemagne coin design
	2000	CuNi	5 Francs	2000 yrs French coinage	Unc	Louis IX ecu design
	2000	.9 Ag	10 Francs	2000 yrs French coinage	Proof	AD 1st century celtic stater coin design
	2000	.999 Au	100 Francs	2000 yrs French coinage	Proof	AD 1st century celtic stater coin design
The Gambia	1999	.925 Ag	2000 Bututs	Millennium	Proof	map on radiant sun [10 sided]
Gibraltar	1999	.999 Au	1/5 Crown	Millennium 2000	Proof	sundial, clock, digital clock
	1999	.999 Au	1 Crown	Millennium 2000	Proof	sundial, clock, digital clock
	1999	Virenium	5 Pounds	Millennium 2000	Unc & BU	sundial, clock, digital clock
	1999	Titanium	5 Pounds	Millennium 2000	Unc & BU	sundial, clock, digital clock

Great Britain	1999	.925 Ag	5 Pounds	Millennium 2000	Proof	Proof & Unc	sundial, clock, digital clock map with Greenwich Meridian
	1999 /2000	CuNi	5 Pounds	2000 Anno Domini	Proof	Proof	map with Greenwich Meridian
	1999 /2000	.925 Ag	5 Pounds	2000 Anno Domini	Proof	Proof	map with Greenwich Meridian
	1999 /2000	.917 Au	5 Pounds	2000 Anno Domini	Proof	Proof	Au-plated British map with Greenwich Meridian
	2000	.999 Ag	5 Pounds	2000 Anno Domini	Proof	Proof	world globe at 3 o'clock with Greenwich Meridian
	2000	CuNi	5 Pounds	2000 Anno Domini	Unc	Unc	
Guernsey	1999	.925 Ag	5 Pounds	Millennium 2000	Proof	Proof	rising sun surrounds centre hole
	1999	Bimetal CuNi/Brass	5 Pounds	Millennium 2000	Unc	Unc	hands holding planet earth with rising sun
Guyana	1999	.925 Ag	2000 Dollars	Millennium	Proof	Proof	world globe & radiant sun [12 sided]
	1999	CuNi	2000 Dollars	Millennium	Unc	Unc	world globe & radiant sun [12 sided]
Haiti	1999 /2000	.925 Ag	500 Gourdes	Millennium	Proof	Proof	dove & partially Au-plated sun rays
Hungary	2000	Brass	200 Forint	Millennium	Proof & Unc	Proof & Unc	Rodin's "Thinker" statue & solar system
	1999	.925 Ag	2000 Forint	Millennium	Proof & Unc	Proof & Unc	Rodin's "thinker" & solar system [7 sided]
Iceland	2000	.9 Ag	1000 Kronur	Millennium	Proof	Proof	Leif Ericsson
Isle of Man	2000	CuNi	1 Crown	Millennium 2000	Unc	Unc	The future - International Space Station
	2000	.925 Ag	1 Crown	Millennium 2000	Proof	Proof	The future - International Space Station
	2000	CuNi	1 Crown	Millennium	Unc	Unc	stylized monogram
	2000	.925 Ag	1 Crown	Millennium	Proof	Proof	stylized monogram
	2000	.925 Ag	1 Crown	Millennium-Meridian	Proof	Proof	Clock with embossed brass strip
Israel	1999	.925 Ag	1 New Sheqel	The Millennium	Prooflike	Prooflike	Yr2000 incorporating dove & olive branch
	1999	.925 Ag	2 New Sheqalim	The Millennium	Proof	Proof	Yr2000 incorporating dove & olive branch
	1999	.917 Au	10 New	The Millennium	Proof	Proof	Yr2000 incorporating dove & olive branch
			Sheqalim				
Italy	2000	.835 Ag	10000 Lire	Repubblica Italiana 2000	Proof & Unc	Proof & Unc	Doves & stars around globe/Da Vinci's Airplane
Jamaica	2000	Au	100 Dollars	One People into the Millennium	Proof	Proof	family - rays above, water below
Jersey	2000	.925 Ag	5 Pounds	1999>2000 Millennium	Proof	Proof	Au plated island map on globe
Jordan	2000	.999 Ag	10 Dinars	Millennium & Baptism of Jesus	Proof & Unc	Proof & Unc	baptism scene
Kazakhstan	1999	.925 Ag	100 Tenge	Millennium	Proof	Proof	ancient & modern technologies
Kiribati	1997-2000	CuNi	1 Dollar	Millennium	Proof	Proof	solar system - Tempora Mutantur [1/2 split coin]
	1997-2000	.925 Ag	5 Dollars	Millennium	Proof	Proof	dove within wave like design [1/2 split coin]
	1997-2000	.925 Ag	5 Dollars	Millennium	Proof	Proof	helmuts - Powerful Empires [1/2 split coin]
	1997-2000	.925 Ag	5 Dollars	Millennium	Proof	Proof	solar system - Tempora Mutantur [1/2 split coin]
	1997-2000	.925 Ag	5 Dollars	Millennium	Proof	Proof	people & monuments [1/2 split coin]
	1998-2000	.925 Ag	5 Dollars	Millennium	Proof	Proof	ship, soldiers - Powerful Empires [1/2 split coin]
	2000	CuNi	5 Dollars	New millennium	Proof	Proof	earth, moon, sun - Harmony
	2000	.5 Ag	10 Dollars	New millennium	Proof	Proof	earth, sun & stars - Hope
	2000	.9999 Ag	20 Dollars	New millennium	Proof	Proof	hands below earth - Faith

	.999 Au .999 Au	50 Dollars 50 Dollars	Millennium Christmas Is Holy Year 2000	Proof Proof	solar system - Tempora Mutantur [1/2 split coin] three wise men on camels
	.999 Au	100 Dollars	Christmas Is Holy Year 2000	Proof	Mother & child
	.999 Au .999 Au .999 Au	200 Dollars 500 Dollars	Millennium Millennium	Proof Proof	Eiffel Tower - people/monuments [1/2 split coin] doves, children etc [1/2 split coin]
Korea - North	.999 Ag	250 Won	Millennium	Proof	dragon [rectangular shape]
Korea - South	Bimetal CuNi/Al	2000 Won	New millennium	Unc	astronomical instrument
Lao	.999 Ag	5000 Kip	Third Millennium	Proof	world map with date 2000/1999
Latvia	.925 Ag	1 Lats	Millennium	Proof	button design with vertical holes above date
Liberia	CuNi	1 Dollar	Millennium - year of Dragon	Unc	Chinese dragon
	CuNi	1 Dollar	Millennium 2000	Unc	dancing style dragon
	.999 Ag	1 Dollar	Millennium	Proof	American eagle - Morgan dollar style Liberty
	CuNi	1 Dollar	Greenwich Meridian	Unc	head
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	world landmarks & fireworks
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	snake
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	ox
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	2 rats & a pumpkin
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	tiger
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	horse
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	goat
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	monkey
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	rooster
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	dog
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	pig
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	dragon
	CuNi	5 Dollars	Millennium 2000 Zodiac	Unc	rabbit
	.999 Ag	10 Dollars	Millennium	Proof	Liberty cap, crossed flags US & Liberia
	.999 Ag	10 Dollars	Greenwich Meridian	Proof	world landmarks & fireworks
	.925 Ag	10 Dollars	Millennium	Proof	Hippocrates - caduceus
	.925 Ag	10 Dollars	Millennium	Proof	Millennium dome, London
	CuNi	10 Dollars	Millennium	Unc	kneeling woman with hourglass & dove
	.999 Ag	20 Dollars	Millennium	Unc	seated Liberty
	.999 Ag	20 Dollars	Millennium	Unc	kneeling woman with hourglass & dove
	.999 Ag	20 Dollars	Millennium	Unc	kneeling woman, hourglass, dove [multicolour]
Lithuania	.925 Ag	50 Litu	Millennium	Unc	radiant cross within arch
Malawi	.925 Ag	20 Kwacha	Millennium	Proof	year 2000 flanked by seated figures [6 sided]
Malaysia	.999 Au	500 Ringgit	Millennium	Proof	flags within globe

Maldives	2000	.999 Ag	20 Rufiyaa	Millennium	Proof	multicolour design [4 sided - square]
Malta	2000	.925 Ag	5 Liri	Millennium	Proof	2 ancient Au-plated coins/Malta map [rectangle]
Mexico	1999-2000	.999 Ag	5 Pesos	Millennium Series	Proof	butterfly flanked by sprigs above hands
	1999-2000	.999 Ag	5 Pesos	Millennium Series	Proof	stylized dove as hand of peace
	1999-2000	.999 Ag	5 Pesos	Millennium Series	Proof	Aztec bird design
	1999	.925 Ag	5 Pesos	Millennium Series	Proof	Naval training ship sailing into world globe
	1999-2000	.999 Ag	10 Pesos	Millennium Series	Proof	ancient & modern buildings
Mongolia	1998	.925 Ag	500 Tugrik	Millennium 2000	Proof	rider & multicolour hologram
	1999	.925 Ag/Auline	500 Tugrik	Genius of the Millennium	Proof	Gutenberg - open bible [square Auline in centre]
	1999	.925 Ag/Auline	500 Tugrik	Genius of the Millennium	Proof	Da Vinci - male figure [triangle Auline in centre]
	1999	.925 Ag/Auline	500 Tugrik	Genius of the Millennium	Proof	Newton - solar system [round Auline in centre]
	1999	.925 Ag/Auline	500 Tugrik	Genius of the Millennium	Proof	Goethe - bust [round Auline in centre]
	1999	.925 Ag/Auline	500 Tugrik	Genius of the Millennium	Proof	Edison - lightbulb/phone [square Auline centre]
	1999	.999 Au	1000 Tugrik	Genius of the Millennium	Proof	Da Vinci - male figure
	1999	.8 Ag	10 Gulden	Millennium	Proof & Unc	12 concentric rings
Netherlands	2000	.925 Ag	10 Dollars	NZ - First to Future	Proof	Au plated map of NZ
New Zealand	2000	Nickel-Brass	20 Kroner	Millennium	Unc	Unknown road into the future
	1999	.925 Ag	100 Kroner	Year 2000	Proof	cut tree trunk exposing rings
	2000	.917 Au	1500 Kroner	Year 2000	Proof	tree and roots
Palau	2000	.9 Ag	5 Dollars	Year 2000	Proof	Our world-our future (world map) [multicolour]
Poland	2000	Bimetal CuNi/Brass	2 Zlote	Millennium	Unc	latent image dates in centre
	2000	.9 Au & .925 Ag	200 Zlotych	Millennium	Proof	computer, DNA, atomic symbols
Russia	2000	.9 Au	50 Roubles	Three Millenniums	Proof	Icarus & space travel
	2000	.9 Ag	3 Roubles	Third Millennium	Proof	people, cog wheel, computer
	2000	.9 Ag	3 Roubles	Third Millennium	Proof	Astronaut, atomic elements, chart
	2000	.9 Ag	25 Roubles	Third Millennium	Proof	ancient monk, modern student
St Thomas & Prince Island	1999	Ag 8.1mm	1000 Dobras	Millennium	Proof	perforated Au insert exposing digital clock
	1998	.925 Ag	2000 Dobras	Third Christian Millennium	Proof	year 2000 CE calendar
	1998	CuNi	2000 Dobras	Third Christian Millennium	Prooflike	year 2000 CE acid etched calendar
	1998	.999 Ag	2000 Dobras	Pseudo Millennium	Proof	multicolour design [rectangular]
Samoa	1999	Ag 9.0mm	5000 Dobras	Millennium	Proof	perforated Agver insert exposing digital clock
	1997-2000	CuNi	1 Tala	Millennium	Proof	man/torch - Tempura Mutantur [1/2 split coin]
	1997-2000	.925 Ag	5 Tala	Millennium	Proof	arrows & sword - war & peace [1/2 split coin]
	1997-2000	.925 Ag	5 Tala	Millennium	Proof	helmets,crowns - epoch events [1/2 split coin]
	1997-2000	.925 Ag	5 Tala	Millennium	Proof	man/torch - Tempura Mutantur [1/2 split coin]
	1997-2000	.925 Ag	5 Tala	Millennium	Proof	working hands - people, buildings [1/2 split coin]
	1998-2000	.925 Ag	5 Tala	Millennium	Proof	Marianne/guru - epoch events [1/2 split coin]
	1997-2000	.999 Au	50 Tala	Millennium	Proof	man/torch - Tempura Mutantur [1/2 split coin]

	1999-2000	.999 Au	200 Tala	Millennium	Proof	Status of Liberty - people/buildings [1/2 split coin] dove,sword handle above soldiers [1/2 split coin]
San Marino	1998	.835 Ag	5000 Lire	Europe in New Millennium	Proof	Euro bridge with ivy, olive, oak trees
	1998	.835 Ag	10000 Lire	Europe in New Millennium	Proof	child with flags
Seychelles	1998	.835 Ag	10000 Lire	III Millennium	proof	allegorical portrait of DNA
	2000	CuNi	5 Rupees	Millennium 2000	Unc	latent image of 1999-2000 dates
	2000	.9999 Au	25 Rupees	Millennium 2000	Proof	latent image of 1999-2000 dates
Singapore	2000	Bimetal Al-bronze/	5 Dollars	Millennium	Unc	latent date - millennium design [scalloped edge]
	2000	CuNi	5 Dollars	Millennium	Proof	latent date - millennium design [scalloped edge]
Slovakia	2000	.999 Au	2000 Korun	2000 Bi-millennium	Proof	Jesus within churches [8 sided]
Somalia	2000	CuNi	25 Shillings	Millennium Icons	Unc	Winston Churchill
	2000	CuNi	25 Shillings	Millennium Icons	Unc	Pope John Paul II
	2000	CuNi	25 Shillings	Millennium Icons	Unc	Nelson Mandela
	2000	CuNi	25 Shillings	Millennium Icons	Unc	Che Guevara
	2000	CuNi	25 Shillings	Millennium Icons	Unc	Emperor Hirohito
	2000	CuNi	25 Shillings	Millennium Icons	Unc	Mao Tse-Tung
	2000	.999 Ag	150 Shillings	Millennium	Proof	World Globe
	2000	.925 Ag	250 Shillings	Millennium Icons	BU	Winston Churchill
	2000	.925 Ag	250 Shillings	Millennium Icons	BU	Pope John Paul II
	2000	.925 Ag	250 Shillings	Millennium Icons	Proof	Nelson Mandela
	2000	.925 Ag	250 Shillings	Millennium Icons	Proof	Emperor Hirohito
	2000	.925 Ag	250 Shillings	Millennium Icons	Proof	Mao Tse-Tung
	2000	Tri-metallic	250 Shillings	Millennium Icons	BU	Nelson Mandela
	2000	Tri-metallic	250 Shillings	Millennium Icons	BU	Emperor Hirohito
	2000	Tri-metallic	250 Shillings	Millennium Icons	BU	Che Guevara
	2000	.925 Ag	250 Shillings	Millennium Icons	Proof	Che Guevara
Spain	1999	.925 Ag	1500 Pesetas	Millennium	Proof	astronaut above Columbus' ships [8 sided]
	2000	.925 Ag	1500 Pesetas	Millennium	Proof	dove above Atlantic Ocean [8 sided]
Suriname	2000-2001	.917 Au	100000 Gulden	Millennium	Proof	circles
	2000-2001	.585 Au	125000 Gulden	Millennium	Proof	circles
Sweden	1999	.9 Au	2000 Kronor	Millennium	Prooflike/	crowned mantled arms
Switzerland	2000	.835 Ag	20 Francs	Year 2000 Peace on Earth	Unc	angel floating above people
	2000	.835 Ag	20 Francs	Lumen Christi	Proof & Unc	Jesus preaching
Tonga	1999	.925 Ag	1 Pa'anga	Millennium 2000	Proof	stone archway [scalloped edge]
Tuvalu	1998	.925 Ag	5 Dollars	Millennium 2000	Proof	seashell/stars/stylized waves [4 sided - square]
	2000	.925 Ag	5 Dollars	Millennium	Proof	seashell

Uganda	1999	.999 Ag	1000 Shillings	Millennium 2000	Proof	Albert Einstein
	1996	.999 Ag	2000 Shillings	Christian dating system	Proof	head of Jesus
	2000	.925 Ag	2000 Shillings	Millennium	Proof	Pythagoras [triangle]
Ukraine	2000	Bimetal Brass/CuNi	5 Hryven	Third Millennium	Unc	figure sowing seeds
United States	2000	CuNi & .999 Ag	1 Dollar	Millennium coin & currency	Unc	2 coin set - Sacagewea \$1, Agver eagle, \$1 note
Uruguay	1999	.9 Ag	200 Pesos	Millennium Change	Unc	stylized symbols/Southern Cross on Obv
Vanuatu	1998	.925 Ag	50 Vatu	Millennium 2000	Proof	Au-plated shell
Zambia	1999	.925 Ag	1000 Kwacha	Millennium 2000	Proof	1st man on moon
	2000	CuNi	1000 Kwacha	Millennium	Proof	2001 calendar within circular design [7 sided]
	2000	.925 Ag	5000 Kwacha	Millennium Olympics	Proof	runners and map [map shaped]

Appendix 2 – List of millennium coins issued after 2000

COUNTRY	DATE	METAL	DENOM	TITLE/SUBJECT	FINISH	DESIGN PARTICULARS
Australia	2001	.999 Sil	1 Dollar	Millennium	Prooflike	gold sun, multicolour earth above Egyptian obelisk
	2001	Bimetal Sil/gold plated	10 Dollars	The Future	Proof	tree on map of Aust
	2001	Cu & Ag/Au	20 Dollars	Gregorian Millennium	Prooflike	watchface/observatory/earth's rotation x 3
Gibraltar	2001	CuNi	1 Crown	21st Century	unc	Celtic cross, Viking ship, new technology
	2001	.999 Sil	1 Crown	21st Century	Proof	Celtic cross, Viking ship, new technology
	2001	Tri-metallic	1 Crown	21st Century	Proof	Celtic cross, Viking ship, new technology
	2001	Tri-metallic	5 Crown	21st Century	Proof	Celtic cross, Viking ship, new technology
Hungary	2001	.925 Sil	3000 Forint	Hungarian coinage Millennium	Proof & Unc	Thaler design C1500 Ladislaus [edge 1001-2001]
	2001	.986 gold	20000 Forint	Hungarian coinage Millennium	Proof	old coin minting scene
Isle of Man	2001	Brass	Pound	Millennium bells	unc & BU	triskeles and 3 bells
Jamaica	2002	.925 Sil	50 Dollars	Millennium	Proof	family within radiant sun
Mexico	2001	Bimetal CuNi/Brass	10 Pesos	Millennium Series	unc & BU	Aztec carving
Poland	2001	.925 Sil	10 Zlotych	Year 2001	Proof	printed circuit board
	2001	Tri-metallic	200 Zlotych	Year 2001	Proof	couple looking into future
Slovakia	2001	.999 Sil	500 Korun	Third Millennium	Proof & Unc	three hands [3 sided]
Ukraine	2001	Bimetal CuNi/Brass	5 Hryven	New millennium	unc	spiral design/mother & child within circle