Apple reduce prices.

Apple Computer U.K. announced the following new price structure which results in approx 12% reduction across the whole Macintosh range.

Macintosh II Prices.	New Price
With single 800k drive	£2995
With internal 40MB drive	£3795
Macintosh SE Prices.	
With twin 800k drives	£1995
With internal 20MB drive	£2595
Macintosh Plus	£1495
Other Products.	
Tape Backup 40SC	£1195
Apple 13" Colour Monitor	£695
External HD20SC Drive	£795
External HD40SC Drive	£1295
External HD80SC Drive	£1995
Internal HD20SC Drive	£695
Internal HD40SC Drive	£995
Internal HD80SC Drive	£1795

Support for Apple II range.

Apple state that they will support the Apple II range including the IIGS .

The following dealers support the machines and we know that they have commitment to the II range.

Apple Dealers:
Bidmuthin Technologies.
Celtip Computers.
Holdens.
Other Dealers.

Cirtech
DarkStar
MGA MicroSystems.
Members are reminded that Dave Ward our hotline wizard can usually give the answer to Apple II problems and if he doesn't know he will know who knows ! A workshop is being organised for the Apple II range see Workshop item.

A/UX on Mac II launched.

Early news on Unix for the Macintosh suggests that the system will be released shortly with some applications ready at launch. These include a spreadsheet, editor and database. Apple virtually stole the show in the recent U.S. DEC Show and one of the products announced in the last few weeks was Unix - the U.S. price is said to be about $5,000 and it arrives on a 80MB hard disk with only 10MB free. We hope to bring more details in the April Magazine. The exact date for release in the U.K. was not known at press time.

Apple Slices compiled by Jim Panks

Workshops revived for '88'

Workshops will be a main feature during this year with four already booked,The first will be at Kemsing, Sevenoaks on Saturday 12th March 1988 and will have Hypercard and DTP as the subjects. The second will be at the new Wyvern AppleCentre in Kidderminster and will feature Graphics, Scanning and Hypercard. The two workshops planned for April include one at the AGM which is a general workshop for Apple II and Macintosh. The second is April 16th at Bidmuthins premises and will be Apple II exclusive with the new PC Transporter and AppleWorks enhancements being the subjects. These workshops are informal and it is hoped that members will bring their machines along. We will be supplying the main machinery but members would help by bringing along their machine.

We believe that a day spent with other users can be a worthwhile experience for all levels of expertise. We will cater for all levels and hope to see as many of you as possible. No entrance fee's are being charged for the events although any donations for the Workshops held in paid premises would be welcomed.

If you have any ideas for future workshops or venues please drop a line to the P.O. Box.

Apple form alliance with Texas Instruments.

Apple are expected to announce an alliance with Texas Instruments. The alliance it seems, is to work in the Artificial Intelegence area.

Although we have no official details this will be announced Thursday 10th March 1988 and Apple have invited members of the press to Paris for the announcement.

Big rumours are about that DEC are looking to buy out Apple. Lets hope that this is not true because Apple will then loose both its identity and probably many of its wizards.

CDROM from Apple.

Expect an announcement any day that Apple have a CDROM to complement the Macintosh range. Hard on the heals of HyperCard this announcement will certainly make the Macintosh most useful for large Databases, with an online CDROM the world is your oyster. HyperCard has been designed to work with such a beast and it will cause quite a stir in the business market. Hopefully some U.K. software will be developed in the not too distant future.

W Apple P 2000 O ORKSH

MARCH 1988

1 ▐▐▐▶ **12th March 1988.**
Sir Mark Colett Pavilion
Kemsing, Sevenoaks.
10a.m. to 4p.m.
HyperCard
Desktop Publishing

2 ▐▐▐▶ **26th March 1988.**
Celtip Computers
Kidderminster, Worcs.
10a.m. to 4p.m.
HyperCard
Scanning/Graphics

Make a date in your diary now!

Apple pricing around the World

Description	Australia	Eire	France	Germany	Greece	Sweden	Switzerland	U.K	U.S.A.
Exchange rates	2.38	1.11	9.98	2.94	234.00	10.50	2.44	1.00	1.76
1 meg Macintosh II with Floppy Disk	2952	3404	3307	3531		3667	3973	3090	2212
2 meg Macintosh II with Floppy Disk					3624				
1 meg Macintosh II with 40 Mb HD	4175	4308	4629	4048		4619	4450	3890	3119
2 meg Macintosh II with 40 Mb HD					4680				
Mac II Video Card	358	316	391	283	349	371	425	345	283
Mac II Mono Monitor 12'	285	253	210	298	279	305	316	295	226
Mac II Colour Monitor 13"	704	705	792	803	806	752	860	695	567
Mac SE Twin Floppy	2062	1985	2094	2375	2493	2181	2459	2090	1571
Mac SE HD20	2650	2527	2595	2908	3203	2752	3138	2690	2025
Mac Plus 1Mb	1553	1352	1493	1616	1795	1514	2049	1590	1248
LaserWriter Plus Printer	4105	4968	3998	4314	4256	4276	3691	4995	
LaserWriter II SC								1995	1588
LaserWriter II NT								3295	2609
LaserWriter II NTX								4495	3744
AppleTalk Connector Kit		45	40	72	31	48	41	50	43
ImageWriter II Printer	439	420	566	644	395	562	474	445	338
ImageWriter LQ	1029	990						995	794
AppleCD SC (June 1988)								895	
Apple IIGS (256k)		719			961		859	795	567
Apple IIGS (512k)			591	880					
External Hard Disk 20SC		900	1293	829	850		1190	995	737
SCSI Interface Card		86	100	115	91		107	65	85
Apple Drive 3.5		316	300	298	280		320	295	226
Apple Drive 5.25		181	183	275	210		197	195	162
Monochrome Monitor		149	149	201	121		162	110	77
Colour Monitor		371	450	555	350		484	410	212
Apple IIE (128k cpu)		362	667	591	562				460

Comparison of Apple prices in various countries throughout the World.

When I posted the November issue of Apple Slices to our overseas members, I enclosed a letter asking each of them to supply me with a copy of their local Apple price list, so that I could prepare a comparison of Apple prices throughout the world. A number of members were good enough to respond, and the chart shown above is the result.

Nothing is static, so I have been forced to change the chart to reflect new prices just sent to me by Apple (UK) - these make our position look much more favourable than they were before the recent price changes.

One or two lists covered the Macintosh range only. I am unable to judge whether this reflects non-availability of Apple II products in those countries, or whether the price list was specifically Mac-oriented. Changes in product ranges mean that there are gaps in the chart - as new products are introduced onto the price list and old products are deleted. As an example, just look at the LaserWriter range - I have included the LaserWriter Plus in the UK prices, even though this is not included in the latest price list, but I hope that it will give some continuity. The UK and USA prices are the most current - others date from December 1987.

All figures have been shown after currency conversion to Pounds Sterling, and are to the nearest Pound. For reference, the exchange rates which I used are shown at the top of the chart.

I have ignored local taxes for the purposes of comparison. Tax rates vary between 5% and 20% - so, if you are unable to reclaim the tax element, this will obviously increase the differences in prices.

We are constantly complaining that there is such a large differential in prices around the world, and I hope that you will agree that this was a worthwhile exercise. If it helps to demonstrate to Apple the very real price differences, and just how much we feel we suffer because of these differentials, then I think it will have been worthwhile. Let's all put on the pressure to reduce Apple prices for the benefit of all (incuding Apple themselves).

My thanks to all the overseas members who contributed to the above chart by suppying copies of their local Apple price lists. Without their cooperation, it would not have been possible to make such a comparison.

Irene Flaxman

APPLE MOVES INTO OPTICAL STORAGE WITH CD-ROM

The following Press Release has just been issued by Apple(UK) and is quoted here in full:-

Apple Computer UK Limited has announced the AppleCD SC, a compact disk, read-only memory (CD-ROM) drive - its first product based on optical storage technology.

The AppleCD SC can store up to 550 megabytes of diverse types of data, including text, graphics, sound and video images, and will meet the growing data storage needs of customers in business, education and the service sector.

"CD-ROM is a logical extension of Apple's unique computing platform," said Chris Calvert, product marketing manager at Apple Computer UK. "One by one we have added capabilities that help people deal meaningfully with information: copy-and-paste simplicity, graphics, sound, processing power, systems integration and finally, in HyperCard, a radically different way of organising and navigating through information. CD-ROM complements all of Apple's other strengths by providing a cost-effective and convenient delivery system for vast amounts and varieties of information."

To date, publishers have used the extraordinary capacity of CD-ROMs primarily for reference materials such as encyclopaedia and specialised databases, which have been sold through resellers that serve specific vertical markets. By making a CD-ROM drive readily available through its dealer channel, and by supporting third party developers, Apple expects to stimulate the publication of a much wider variety of CD-ROM products.

To facilitate the development of CD-ROM titles, Apple has designed its drive to be compatible with the International Standards Organisation's standard file format, "High Sierra". In addition, Apple is providing extensive support to potential publishers. Some 500 developers are scheduled to attend an Apple CD-ROM development conference on March 4 in conjunction with the Microsoft CD-ROM conference in Seattle, Washington, and Apple will host a European CD-ROM developers workshop in Paris on May 6.

At these events, Apple will also demonstrate how its HyperCard software toolkit can be used as a ready-made interface for Macintosh-compatible CD-ROM disks. HyperCard lets users search through large quantities of data by association and context, rather than simply by hierarchical indexes. Like all Macintosh software, HyperCard provides a consistent user interface across different disk titles so that users do not have to learn new command schemes with each new disk they acquire. HyperCard is especially efficient for storing bit-mapped images.

Apple expects its CD-ROM drive to be widely used in education, where databases incorporating text, images and sound can offer rich learning environments for students. In corporations, it can be used to produce manuals and catalogues, to distribute reference materials - such as parts lists in the car industry, and in industrial training applications. The AppleCD SC is an ideal means of storing large graphics libraries for Apple's installed base of customers who use DeskTop Publishing in the service sector, in general business and education.

AppleCD SC description

The Apple CD SC drive features a 64-Kilobyte (K) memory buffer and Small Computer Systems Interface (SCSI) that enable it to transfer data more quickly, and an audio chip set and "desk accessory" software that let it play audio CD tracks on CD-ROM as well as commercial audio compact discs. The drive includes a headphone jack, two RCA audio jacks for external speakers and amplifiers and a universal power supply.
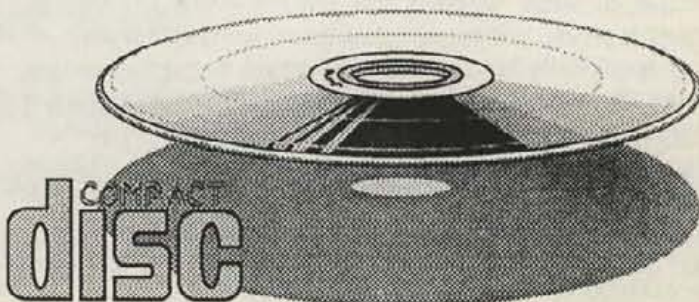
Front access allows the drive to be stored above or below the computer without taking up additional desk space. The AppleCD SC also has the same "footprint" as Apple's other SCSI storage products, which lets it be easily stacked with those devices.

The AppleCD SC plugs directly into the SCSI port of Macintosh Plus, SE and II computers. The Apple SCSI Card is required for the Apple IIe and IIGS. The drive can be daisy-chained to as many as six other SCSI peripherals or used in AppleShare networks under AppleShare 2.0 software.

The drive comes with an accessory kit that contains a CD Caddy - a sturdy plastic case that protects the discs; software drivers; Apple CD Remote Desk Accessory software, which controls functions needed to play audio CDs; and an owner's manual.

The AppleCD SC is available for the Macintosh Plus, SE and II, and the Apple IIe and IIGS computers. The UK suggested retail price is £895.00, and will be available from authorised Apple dealers from June 1988.

I.F.

Annual General Meeting

At the Kemsing AGM last month, the elections for the new committee were held as they are each year. A new committee was duly formed. However there have been many changes, and the new committee sees both old and new faces.

Through increasing pressure of work, Jim Panks, Graham Attwood and Seth Proctor are no longer able to give the time they would wish to be on the committee. We give them all a hearty vote of thanks for all the tremendous work they have done over the past years, and wish them well in the future.

New Committee
Keith Chamberlain, though he has left the committee, continues to support the group as membership secretary. Norah Arnold and Irene Flaxman are still our secretary and treasurer, so we have the continuity with their vast knowledge of these two posts. Tom Wright is still with us as the local group organiser. We welcome back Ewen Wannop as the communications manager and Sysop of Tabbs. We welcome Keith Rookledge and Ken Hegerty as new members of the committee. These two will initially take a look at the Apple II library and see how it can be rationalised to present day needs and more importantly incorporate the ever increasing IIgs library. Lastly, we welcome Mick Knapp as our new chairman. Mick is an Apple enthusiast of old, and has many contacts in the wider world of computers. We all feel that Mick will bring to the committee a fresh and experienced eye and will keep us on course over the next year.

New Editorial Team
With Jim Panks no longer able to edit the magazine, we had to look for a new editor. This is something we have had to do before, as many members will know, however this time we have decided to devolve this important responsibility and to split production into two parts. The increasing availability of the ubiquitous LaserWriter has helped us make this decision a reality. Norah and Irene will edit the Macintosh pages and Ewen and Mick will edit the Apple II pages.

Lapsed Members Amnesty
Finally, some of you who have received this copy of Apple Slices will no longer be members. For whatever reason you decided not to renew your membership this year, may we ask you to think again. We hope that we can now provide the service that you originally joined Apple2000 for. Of course we cannot know what kind of service you require unless you tell us. To make this as painless as possible, we would ask you to fill in the enclosed renewal form and return it to us. We will send you the April issue of Apple2000 forthwith.

1988 Olympic Year
Apple2000 is taking a great leap forward in 1988. I suppose it is only just coincidence that it should be a leap year.   🍎

Apple2000 Policy

When we renamed the group from BASUG to Apple2000 some two years ago, we envisaged the group as going forward into the new century catering for the needs of the Apple community as a whole. This aim is still paramount.

We must cater for the needs of anyone with an Apple computer, whether it is an Apple II, a Macintosh II or any of the many machines in between. We have been criticised over the last year for not supporting the Apple II range as fully as we have supported the Macintosh. With more than half of our members owning machines falling in the Apple II category, this was pertinent comment. As you will have seen in the last two magazines, we have already started to redress this balance. But there is much more to do.

Plans for the Magazine
We plan to restore the rightful prominence of the Apple II computer that started the great revolution. Apart from editorial and general articles, we shall give half the magazine to the Apple II range and half to the Macintosh. Of course we shall not forget on the way the Apple /// and the Lisa, and there will be articles of news and general interest too.

We appreciate that the needs of the owners of the two main machines are very different. The Macintosh community is made up for the most part of users, the Apple II community of hobbyists and enthusiasts. As Apple enthusiasts move on to higher things, they leave behind their old machines in the hands of a new generation of hobbyists. These people are starting at the beginning and need help at that level. It is up to the experts who have learnt the hard way with their Apple II computers, to help us answer these needs.

Send us your articles
Now for the commercial. Please send all your articles either to the PO Box in Liverpool, to one of the editors, to box 84:BSG041 on the Force or to the Apple2000 magazine area on Tabbs. Anything is welcome, we will massage, correct spelling and titivate your articles if you wish us to. Knowledge is about sharing our experiences, and Apple2000 is firmly committed to both of these.

As always, we ask for material and articles for the magazine, but in addition we shall be chasing all those experts out there for those pearls of wisdom that are locked in their memory banks. You all achieved what you know today with the help of others, help us pass this knowledge on to the new generation. As a contributor we shall award you an Apple2000 enamel badge.

The future and you
The formation of the new committee brings with it many changes to the driving force of the group. It is going to be their dedication and vision which will take us forward. We want all of you to be a part of this process as well.   🍎

Our thanks to the old chairman...
(from the new chairman)

Jim Panks has been chairman and magazine editor for many years and has given sterling service to the club during its life as BASUG and through the transition into Apple 2000. He announced his resignation at the annual general meeting from both the chairmanship and the magazine editorship, and it would be true to say that there was a general feeling of consternation amongst the members attending the AGM following his decision.

I felt it appropriate to officially thank Jim for all his efforts in this newsletter as the original Apple Slices was Jim's brainchild. To give the membership an idea of how much work Jim put into the group, not only was he the prime motivator and editor of the Apple 2000 magazine and the Apple Slices newsletter (a job now being shared between four people), he was also the main contact for many of our advertisers. He organised exhibition attendances, attended local user group meetings, committee meetings and Apple UK conferences, generally promoting the group at every available opportunity.

I recently visited Jim and his wife Julie at their home to complete some committee business and express my thanks, and his wife expressed very mixed feelings about Jim's resignation. She rejoiced at the return of her dining table and was very much looking forward to seeing more of her husband, but she also knew that Jim would miss his committee work tremendously.

So to you Jim, thanks for all the hard work, and enjoy all those caravan holidays. The committee are determined to continue providing the membership with a lively and exciting user group, and we're convinced that before long you'll feel that you've left the ship in very safe hands,

Kind regards,
Mick Knapp.

Apple Workshops

The two most recent workshops had a very mixed response. On the 12th of March the attendees were rather busy with the AGM and so the workshop was practically demolished by the busy schedule. However, several items of great interest were on show including the Levco Prodigy board which made Pagemaker run in another dimension.

The workshop on the 16th of April was held in London at the premises of Bidmuthin Technology and was very successful with attendees from as far away as the Channel Islands and Newcastle. Mike Davis organises the workshops and was particularly pleased with the attendance.

Mike is a devoted Macintosh fan but the Bidmuthin workshop concentrated on the Apple// series. We would like to thank Steve Morrisby and all the Bidmuthin staff for their assistance and support. A fuller report on the proceedings will follow in the June magazine and we will try to present the views of a number of the members who enjoyed the day.

Mike will be organising follow up workshops around the country during the coming year. If you have any particular theme that you would enjoy seeing presented you should let him know by dropping him a line via the Apple 2000 PO box.

Do you need help?

The Apple 2000 Hotline is a unique service run by our own Dave Ward which quite often provides emergency assistance to members. If you have other queries about using your Apple computer, whether it is for personal or business use, we have experts in most fields who can help you.

If you are interested in desk top publishing, electronic mail, adventure games, computer graphics, or anything else you can think of, we can help. If you have an existing problem, or you just want to know how to take that first step into a new field, drop us a line. We're here to help each other.

Shop 2000
Let us know what you want!

The Apple 2000 policy of offering group members with a range of items from the Shop 2000 will continue and expand, but we need to know what you want us to stock.

The range of goods that we could offer is vast, and at the moment we are negotiating with our suppliers so that we can offer excellent deals to Apple 2000 members for consumables and fun items.

Because we are a small organisation it is important that we stock what our marketplace wants to buy, and our marketplace is you.

We keep close track of which items are popular and which items are selling poorly. However, it may well be that you have different ideas about what we should be offering to help you. Maybe you want a range of discs from cheap unbranded to the best that money can buy. Do you want to buy peripheral devices or software direct from the group if we can provide competitive prices?

It is clear from looking at the membership listing that many of you are private individuals. By pooling our buying power through the group we should be able to get the keenest prices from our suppliers. A good example of this is our extremely competitive pricing on laser cartridges, where by buying in bulk we are able to offer members an incredibly low price.

The basic message is that you should let us know what you would like to buy through the group, and then we will try to get good discounts by buying in bulk from the major suppliers.

Database Publications are in the NEWS

AppleUser - R.I.P.

We heard rumours at the MacWorld Expo, that AppleUser magazine was no longer being published. We treated the rumours with some scepticism, as we were told of it by MacUser personnel.

However, on our return to England, we telephoned Database Publications and asked what had given rise to the rumours. To our consternation, we were told that it is true - AppleUser will not be published again!

We feel sad that this magazine has "died", as it was the only Apple II-specific magazine still being printed in this country. The publishers tried hard to keep the magazine in print, even though they found it increasingly difficult to find information for the Apple II enthusiasts. The signs were there, though, as the amount of Macintosh-specific content had been increasing noticeably over the past few issues.
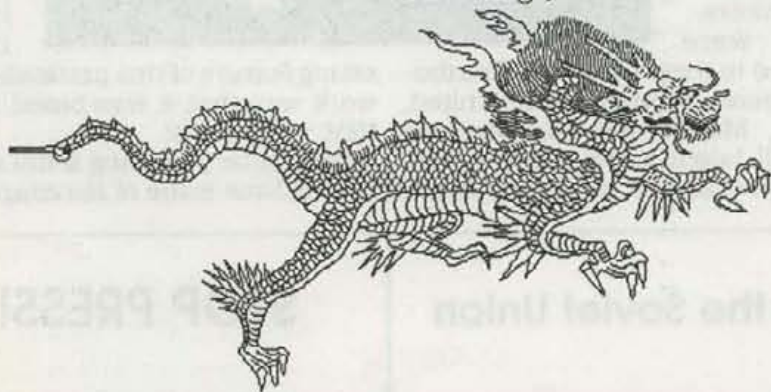
This means that Apple2000 is the only magazine in the UK which includes any information or assistance for Apple II users. We intend to keep this area alive, and we welcome any contributions from members which will help in our objectives.

Mandarin Software launch

Database Publications launched a new software company in Chinatown, London, on 7th April.

The name of the new company is Mandarin Software - hence the launch in Chinatown. They are publishing various products for the entertainment market, and currently have five software houses operating under their label - Level 9, Powerhouse Software, Bubble Bus, Jawx International and Red Rat. Most, but not all, are UK developers.

The software covers a variety of machines, including Apple II, IIGS and Macintosh - as well as the inevitable IBM-compatibles. Amongst their current offerings (on all machines) are a trilogy of adventure games - Time & Magik.

We wondered whether this company's development of Apple-related software would be affected by the parent company's decision to cease publication of AppleUser, which has just become public knowledge, but we understand that this is not so - the two subsidiaries are totally separate, and Mandarin Software will continue to develop software for the whole Apple range (including the Macintosh range).

Aldus announce two new products for the European market

Aldus Europe officially announced the launch of some new products at the Institute of Directors in London, on 11th April.

The new products are PageMaker v3.0 and PageMaker College. Both products will be available from 25th April - 30 days after the USA shipment date.

PageMaker v3.0 incorporates some new features, including style sheets and templates, text-wrap-around, support for spot-colour and automatic text-flow across successive pages. Data can be imported from other software - e.g. Lotus 123, Excel, DBase Mac.

PageMaker v3.0 adopts Apple Computer's new interface conventions, including pop-up menus for easy access to additional mouse-selected commands.

The retail price is £545 + VAT, with an upgrade price of £75 + VAT for current registered users.

PageMaker College is designed to provide the means for self-tuition or for in-house tuition of personnel by means of a two-day course in the use of PageMaker v3.0 (either as a complete session, or as two separate sessions of one day each).

The product includes a license agreement that allows the trainer to copy the training software onto a maximum of ten computers. It includes workbook, training manual, training video, PageMaker v3.0 software (training version), data disk pack and Guide to Basic Design booklet.

PageMaker College will retail for £175 +VAT, with additional workbooks available at £9.95 + VAT each.

P&P launch new software distribution company

P&P plc announced the launch of a new subsidiary company on 19th April. The name of the new company is Principle Distribution Ltd., and it has been set up "to focus attention on the Apple marketplace and to service the Apple dealer network".

Although P&P have become known for their distribution of PC-related products, they feel that they have also remained at the forefront of Apple technology, and Principle is to concentrate on developing the Apple market.

As Apple's market and product range evolve, Principle aims to provide "key third-party solutions to the dealer network". The company has already signed distribution contracts with major suppliers, such as 3Com, Insignia, Tops, Letraset and Microsoft.

Sales and Marketing Director, Jeremy Brown, summed up Principal's objectives: "Our aim is to provide a professional, value-added service which has the most comprehensive line of products, a knowledgeable and efficient sales and support team, and the smoothest order processing and delivery operation in the country."

Principal Distribution Ltd will operate from P&P's headquarters in Rossendale, Lancashire.

New prototyping tool introduced at MacWorld Expo

A development tool that saves time - and time is money!

A new product, called Prototyper, has come into the European market-place from SmethersBarnes, Inc.

Prototyper is described as "a complete professional prototyping tool for anyone involved in the software development cycle, providing both non-programmers and programmers with the most comprehensive environment for specifying and communicating software application ideas".

The product facilitates the creation of entire user interfaces, including pull-down menus, windows and interface items. These are complete, with actual data structures, so that source code can be generated automatically for Lightspeed Pascal, MPW Pascal, Turbo Pascal and TML Pascal. It is claimed that the code is efficiently written, without the "redundant" coding which is often a feature of generated source code. We were given a demonstration, and it really was very quick and easy - the source code even included programmer's notes to identify what the code was achieving.

The publishers are SmethersBarnes, Dept. 400, P.O. Box 639, Portland, OR 97207, USA. The European retail price is expected to be US$200.

MacWorld expo in the Netherlands for the second year

(See the June magazine for a full report!)

The MacWorld Expo was again hosted by the Netherlands, but this time the venue was the RAI Conference Centre in Amsterdam. The event was held on three consecutive days - 9th, 10th and 11th May 1988. The Expo was popular, with 3,500 - 4,000 visitors each day, 1,600 registered for the seminars (the final figures have yet to be confirmed, though).

This is the second such event to be held in Europe. The Expo had doubled in size from last year, with many American software houses and distributors in evidence - a sure sign that the event is being taken seriously.

The official opening was by Prince Bernhard of the Netherlands, who is President of the World Wildlife Fund. The Prince was presented with a Macintosh SE, which was a token presentation representing a number of Macintosh systems which were being given to the charity by Apple Computers.

We were pleased to meet some UK distributors there - Computers Unlimited, L.P.A., MacEurope and MacLine had all taken stands, and others were in evidence on stands taken by their European colleagues or associates. Apple Business and MacUser also had stand space, representing the current Apple-specific publications in the UK.

There were few really new products, but Letraset gave a demonstration of their new LetraStudio, which will be released shortly and looks to be a powerful program.

We found a "lifeboat" in the midst of the exhibition hall, which was intriguing. It will soon be used for a Round-the-World voyage by a crew of two, and was sponsored by Econocom Nederland bv. This is a company who specialise in networking facilities in Europe, and their presence at the Expo was in order that they would provide the necessary network to run all the equipment on the Apple stand - the most interesting feature of this particular network was that it was based on an IBM System 38!

We will be providing a full report in the June issue of the magazine.

A new game comes from the Soviet Union

When so much software for the Macintosh emanates from the U.S.A., it is good to hear of a program which has been developed in the U.S.S.R. and which is to be marketed in the West.

The program is called Tetris, and is undergoing beta testing by the Spectrum Holobyte division of Sphere Inc.

It is a geometrical game of skill, which apparently requires quick thinking and reflexes.

The first Mac version is for the Mac512K, Plus and SE and is scheduled for May shipment in the U.S. The Mac II version is due shortly thereafter. The costs are quoted as between $34 and $49 each.

These details all relate to the U.S. market. We still await details of availability and pricing within Europe.

No doubt, we will still lag a little behind our American colleagues, but we hope to see it soon.

Maybe this is the first opening of a new channel of communications across the Iron Curtain?

STOP PRESS!

Danny Goodman headed a daily seminar on Hypercard at the MacWorld Expo.

He revealed that version 1.2 will be available in the U.S. within a few weeks, but there was no indication of when we would see it here.

He refused to comment on the capabilities of the new version, declaring that "That's Apple business".

No doubt, this will mean a second issue of his book 'The Complete HyperCard Handbook' in the near future.

Apple Slices

Viruses - The paranoia factor

Sampling around the bulletin boards and computer journals over the past month it is clear that the level of paranoia about computer viruses is steadily rising. If it is true that the original viruses were put out by software houses wishing to kill the shareware and public domain software market, then they have been startlingly successful. Our own bulletin board TABBS has been the victim of virus plants, and Ewen now vets all software that is uploaded onto the system.

Typical viral attacks have been made by placing the virus in one of the un-packing or un-crunching programs. This then infects all programs that are downloaded from bulletin boards during the un-packing process. Such attacks are not restricted to hard disc systems as they infect each floppy disc carrying the downloaded software.

The worry about viral infection is spreading into the mini and mainframe world. I work for a small computer company with a very specialised product line and we have total control over the hardware and software development. When the system flunked out recently I heard one of our support engineers say "maybe it's a virus". In actual fact it was a hardware fault, but I think that his comments indicated the level of concern in the industry.

Like most of our true medical viruses there isn't really a cure for a computer virus, just a hope that a way of disinfecting the system is available. Some of these were discussed in the last Apple2000 magazine and in the next issue we intend to present a recent article published in Open-Apple which gives a factual presentation of what a virus is, what the effects can be on your system and does relieve some of the worries about the dratted things.

Overseas Price News

Latest information on Apple prices in the United States shows a generally upward trend, although this may be cold comfort when the prices are compared to what we have to pay in the UK.

A Macintosh // (mono) fitted with 40 Mbytes of hard disc retails for around $3225,00, and a Macintosh SE complete with a built in 20 Mbyte hard drive was recently purchased in New York for $2500.00. The Apple// is still a very popular machine in America, and part of it's popularity may be the price. An Apple //c retails at $575.00 and a //GS with a 10 Mbytes Winchester sells for $1400.00.

Macintosh prices are rising fast, possibly because of the DRAM price increase. Mac SE prices have risen by approximately 20% in the past six months. Although UK pricing is a poor reflection of the dollar price we do have the consolation that the fluctuations in landed cost caused by exchange rate and component cost fluctuations have been hidden from us, and our prices have remained consistent though some might say consistently high!

We fully understand Apple UK's pricing policy, based on the fact that they sell all the machines that they can get hold of and return the best profit margins possible to the parent company. In return we hope that they understand our members who make one telephone call to 47th Street Photo in New York (0101-212-260-4410) and order an Apple computer by mail order on their credit card for virtually half the cost of buying one in the UK.

(Above prices from the Boston Computer Exchange, with all credits to Steve Gold's Newsbytes).

MAC II For Sale

Here is a remarkable offer that someone will not be able to resist.

If you've been looking at Mac//'s but feeling the pinch on funds one of our members might be able to help. Due to "financial mis-calculation" by one of Richard Boyd's contacts a two months old, colour Macintosh // system with a 40Mbyte hard disc is on offer for £3,500 inclusive.

If you are interested call ▓▓▓▓▓▓ ▓▓ ▓▓▓▓/▓▓▓▓▓▓ and he will give you the machine history and the details of the owner.

IN THE AUGUST ISSUE OF APPLE2000

Dealer Profile of Decimal Business Machines of Bristol. A review of 816 Paint on the IIgs. The next instalment of Dave Miller's series on Languages. The new IIgs disc library - full details. The Nibbler, Problems and much much more ....

The Nibbler takes a look at the new owners of Apple II's

I am pleased to see that the Apple II is still very much alive and kicking, despite the efforts of many people to try and kill it off. The old II+ machines are not consigned to the gold collectors but get passed on to new users when their owners upgrade. This means we have a new generation of users who are starting out on the Apple learning curve. However, with most of the current software for the II series using the enhancements of the //e and //c, there is a lack of software available that will run on the old II+. This was highlighted by a letter from Mr Jolly we received the other day. Let me quote some of the salient points:

"..... I have several problems related to my Europlus. Having written to three different software houses I have not been able to get much assistance

..... My enquiries were relating to Accounts programmes and manuals for AppleWriter and ApplePlot which were with the machine I purchased.

One distributor did not reply, the second sent a brochure for MacPuter II and nothing else and the third, Bidmuthin Technologies faithfully answered all my questions. They tell me that MacPuter II will not run on a Europlus ....

How is the ordinary computer user like me, who is not a buff, supposed to sort out which programmes will run and which are not suitable for the Europlus when dealers send contradictory information. I am in the position of having a mcahine that I cannot use because I do not know what software will run and which will not.

I have abandoned the accounts programme idea for the Apple II .... but would still like to find out about other software and get manuals for AppleWriter and ApplePlot, the paddles programme and the knowledge of how to choose suitable software ...."

The main problem of course that Mr Jolly will find is the 80 column problem. In the beginning there was only the 40 column screen, because of this many rogue 80 column cards were developed. Well behaved programmes wrote text in such a way that it would display correctly on any 80 column screen that might be encountered, but the advent of Apple's own 80 column standard in the //e changed things for all time.

Programmes using the //e 80 column screen to the full would not run on the II+. A further complication was the extra memory of the //e computer, this extra 64K was expected by many of the new programmes. Both the //c and the IIgs took on board the //e 80 column screen to give a new standard of display.

Where does this leave us? It is probably true that most of the current software will not run on the II+, but which of these packages will? A bigger problem is who knows what, and where to buy them? It would be useful to publish a list of current software and which machines it will run on. Any volounteers out there?

On these same lines, has anyone out there got the manuals that Mr Jolly refers to? I am sure that many of you may have them, or even have complete packages that you no longer require. The newer II+ users would appreciate the offer of these I am sure. It would clear your shelves at the very least of unused programmes.

I ask you all to write in with a list, and how much you are prepared to sell them for, and we can start a software exchange in the magazine. Only genuine originals will be acceptable, we of course frown on software pirating here at Apple2000.

I suppose also that many of you may have cards and other bits of hardware you no longer need. It only costs a stamp to send us details, and though it might not make your fortune, it may get some new user out of a very real set of problems.

In response to the plea from Mr Jolly please reply to Apple2000 or to:

Mr W.I.L. Jolly
17 Elphinstone Road
Highcliffe
Christchurch
Dorset
BH23 5LL

The Nibbler

Help Required
(do some typing for a good cause!!)

The editorial staff of the magazine constantly receive interesting material by hard copy which does not make it into the final copy because for one reason or another we cannot get hold of the original files of the article. We simply do not have the time to type in these articles and we need help from members to assist with this onerous task.

The arrangement would be that we forwarded one or two pages of hard copy to you and you send back either a Macintosh or Apple// text file which we can then typeset into the Apple2000 magazine. Tony Game, sysop of BABBS, does help with the typing but he simply cannot keep up with the flow.

If you feel that you could help the group by typing up one or two pages please contact me via the PO box,
Mick Knapp.

The Biggest Computer in the World

The Independent newspaper recently reported the construction of the worlds most powerful computer in Edinburgh. A system consisting of over 200 separate Transputer systems capable of 200,000,000 instructions per second has been implemented at Edinburgh University for use on a number of research projects. But ask yourself, would you really want it in your bedroom?

Some assorted AppleWorks Quirks

As this is one of the most popular programs for the Apple// range we are extremely interested in any unusual features (surely Appleworks doesn't contain bugs!) that users come across.

Known funnies are:- When printing from "this page" on medium to large documents the command alternates between working correctly and printing from the page prior to the one specified.

The program seems to run out of page numbers. When long documents are printed the page counter seems to wrap around and page 256 becomes page 1 again. This can be cured by naming page 256 as page 256 with the PN option.

If you know of any others do tell us so that we can keep a record for when (if?) Appleworks 3.0 is released.

Have you Forced yourself on to TABBS yet?

Join the communications revolution and solve all your problems. Whether it be Electronic Mail, conferencing, software downloading or just plain problem solving, one of the two systems that Apple2000 brings to its members is sure to suit you down to the ground.

To join the Force contact the PO Box for an application form. To join TABBS just give it a ring on ▨▨▨▨▨▨▨▨▨▨▨, 24 hours a day, 8N1, any speed from 300 to 2400 baud.

If you need the hardware and software to contact these systems, scan through the pages of Apple2000 and take your pick.

CIX Conferencing System
The Apple Sections grow

One of the most popular bulletin board systems in the United States is BIX, the on-line system run as an offshoot to BYTE magazine. The board is set up as a conferencing system, which can be visualised as a tree structure with each branch being a different conference. The branches divide down into various topics and end in messages and downloadable files, the equivalent of the leaves.

A similar conferencing system exists in the UK and it is growing at a rapid rate. CIX (Compulink Information eXchange) operates from Surbiton in Surrey and provides a structure of almost 300 open and closed conferences, including an active Macintosh conference and a new Apple// conference

What makes the conferencing system interesting is that any user can set up a new conference and "moderate" it. This effectively means that there are many sysops running the system, and a wide variety of views and interests are catered for. A huge number of files are available for download but with the advent of viruses the moderators are having to become more vigilant about the files uploaded.

CIX is multi-user and has over a dozen lines in so it is unusual not to get through. There is an on-line tutorial and a reference manual is supplied when you join. For further information call CIX ADMIN on 01-390-8446 or log on to CIX on 01-399-5252.

Olduvai upgrade policy

The enhanced 2.0 upgrade for Read-It! O.C.R., the trainable Macintosh Optical Character Recognition software, is scheduled for August 1988. The update is free to registerd owners, and will be shipped automatically. It must be emphasised that if you don't return your registration cards you cannot expect to receive any updates. If you have returned your registration card, you should by now have received version1.06. This is an interim measure, fixing some minor bugs.

Olduvai corporation, which developed the software, prides itself on its customer care policy and its value-for-money products.

New features added to 1.06 include Speech output of the recognised text and direct drivers for Microtek and canon engine scanners, including most Microtek-brand scanners, the AST TurboScan, the Abaton 300 model 1, the MacScan, and Spectrum's and Laser Connection's scanners.

If you would like more information why not give MacLine a call on 01-642-4242?

MacWorld Expo - Boston 1988

The MacWorld Exposition returns to Boston for the biggest Mac show yet, with a 200,000 square feet of exhibit space - not to mention the space that is used for the seminars and conference sessions.

The exhibition is being held at (wait for it!) - The Bayside Exposition Centre, The World Trade Centre and The Wang Centre for the Performing Arts. To help you see it all, you will be shipped to and fro - up and down the river - by riverbus. A proper tea party!

The dates are August 11-13, 1988. MacWorld Expo/Boston will feature more than 350 exhibiting companies, occupying more than 1,150 booths, and with almost every corner of the globe represented.

Many of the exhibitors will be using this show to introduce and demonstrate their most recent product lines.

Recent news announced by Adobe Systems Incorporated

Adobe Systems Incorporated and Monotype Corporation have signed a PostScript software licensing agreement, under the terms of which Monotype will develop an interface between their Lasercomp Image Recorders and Adobe's PostScript interpreter.

Both companies look forward to a fruitful partnership. All PostScript controllers and Lasercomp Image Recorders will be manufactured by Monotype at its Redhill plant, with shipments scheduled to begin in the Autumn - although no pricing details are yet available. The printing resolution for the Lasercomp Image Recorders ranges between 1000 and 1500 dots per inch.

Adobe also announced its second-quarter financial results recently, which showed increases of around 100% over comparable periods last year - in terms of revenue ($18,757,000 : $9,563,000), net income ($4,474,000 : $2,313,000), earnings per share ($0.42 : $0.22), and royalty revenue ($13,535,000 : $6,790,000). Apple Computer are their largest customer, accounting for 33% of Adove's 2nd quarter revenue.

These results were prior to the shipment of Adobe Illustrator 88™, which is expected to boost sales considerably. Illustrator 88 has been released in the USA, but we have yet to see it released in the UK. The UK launch is in London on 4th July for the Macintosh version, but the IBM launch dates have not been advised - maybe this has something to do with the Windows contention?

Personal Training Systems Announce New Package for Adobe Illustrator 88™

Personal Training Systems and Adobe Systems jointly announced the release of the first training product for Adobe Illustrator 88™, called Learn 88.

Learn 88 consists of four modules that address the different proficiency levels of users, making training available at your own pace. Each module consists of an audio tape, a practice disk and a summary card.

Personal Training Systems developed Learn 88 with input from Adobe. Adobe also conducted their own tests on the modules, and they are including coupons for Learn 88 with each Illustrator 88 package. Learn 88 should be available from your local Apple dealer. If not, then ask "Why?". It makes learning much easier - you learn at your own speed, and you will gain more confidence in yourself and your Macintosh. Remember the wellknown saying "one person - one machine" (I wish I could remember who said that - it bugs me!).

Apple Presence at DTP Show

Apple Computer (UK) Ltd plan a "major presence" at the 1988 International Desktop Publishing Show, to be held on October 13-15 at the Business Design Centre in London.

An Apple "extravaganza" will form one of the major attractions, providing a showcase for Apple's desktop publishing interests.

The continuous demonstrations will focus attention on four main areas of DTP - artwork and illustration, page layout, document processing and presentation.

Aldus Corporation Results

Aldus Corporation also announced significant increases (around 90%) in their first quarter financial results, which they partly attribute to the introduction of PageMaker v3.0 for the Macintosh and the new Mac.intosh drawing program, Aldus Frechand.

No doubt, they hope that their results for subsequent quarters will be further improved following the introduction of PageMaker v3.0 for the IBM P, which was launched at the recent Electrnic Publishing Show in London.

AutoCAD on the Mac

Due out on the MacII this month is AutoCAD, probably the most famous drafting package in the world.

AutoCAD's origins come from a very simple drawing accessory which was provided as part of a Sidekick look-alike on MS-DOS machines. The programmers recognised the popularity of the draw package and expanded it within the memory limitations of the operating system before porting it onto 68020 workstations.

The software has been developed from a 2D drafting system to encompass 3D solid and surface design, parts listing and Bill of Materials output, full visualisation and links to CAM packages.

Although AutoCAD has its critics in terms of speed and lack of integrated data management, it is without doubt the most successful CAD software package of all time.

Priced at £2500, enquiries to Autodesk on 01-928-7868.   ⅁

Run a PC from the Mac

Many of us have to earn our crust on a PC and use our Apples for sheer pleasure at home, usually because the DP manager at work "can't go wrong" by buying IBM.

At least there is now a product for the Mac, pcMacTerm, that will remote access the MS-DOS environment, allow use of the Mac mouse and give cut & paste facilities to the MS-DOS programs using the Mac clipboard.

Contact Telesystems on 02406-6365 for full details.   ⅁

Is the Porta-Mac on the horizon?

There are still no firm announcements about the timing of the release of the next generation of Apple Macintosh computers, but Apple must be feeling the pressure to bring out a portable version of the Macintosh before the end of 1988.

Big Blue brought out a luggable early on in the life of the PC. The portable market is huge and companies like Toshiba and Zenith have capitalised on the demand. Even our own Sir Clive Sinclair recognised the potential and brought out the Z88 which has been selling well both in the UK and in the US.

Atari have responded with a pocket PC which was developed in the UK and should go on sale before the end of the year for less than £200. Like Sir Clive's efforts it will have the software built-in, but the PC compatibility should secure the machine's future.

Apple have always stated that the Macintosh interface requires a display of far superior quality to that presently available, but the latest supertwist techniques could provide a solution. Market pressure should ensure that the rumours about a portable Macintosh being available before the end of the year should turn into reality.   ⅁

Upgrade your Illustrator

Illustrator '88 is the title of Adobe's upgrade to their Illustrator graphics package.

Aimed at the professional graphic artist, the original software allowed accurate manipulation of lines and curves by using Bezier definitions and a Postscript display technique.

New facilities in '88 include an auto trace tool which automatically traces an outline around a scanned template, the ability to import MacDraw files and automatic blending of one colour into another. What may tempt professional users to move over from the main competitor, Aldus Freehand, is Illustrator '88's excellent support for colour.

It has to be said that Illustrator may not be everybody's cup of tea. It is best used with a scanner of some sort so that a template exists as a starting point. The new 'freehand' drawing tool does make this easier by fitting the curves to the line sketched in, and then modification to that line is performed by moving control points. But if you are a fan of MacDraw type programs you may find this editing technique rather tedious.

Illustrator '88 costs £495 plus VAT but existing users who registered their software licence since January 14th this year will be offered a free upgrade.

Contact your dealer for alternative upgrade costs if you purchased your copy before the 14th of January.   ⅁

APPLE2000 - YOUR USER GROUP

Thanks to the typists

Thanks to all of you who replied to our request for help in typing articles for the magazine. If you haven't received your starter pack yet, don't think that your offer is being ignored - you will be receiving your copy in the near future. The only problem that you will experience is the lack of surprise when the magazine pops through your letterbox, as you'll know what the content is before it even gets to the printers!   ⅁

Newsbytes™

Recent extracts from Steve Gold's weekly updates on TABBS (0225-743797)

ANOTHER MAC LAPTOP REVEALED

SAN JOSE, CALIFORNIA (NB) — Apple's plans for the high-end Laguna Laptop are pretty-well known, but how about a budget laptop called Guinness? Tim Bajarin, head of Creative Strategies International, a consultancy firm based in San Jose, appears to have some inside information on what's happening at Apple.

Writing in MICROSCOPE, a UK computer trade weekly, Bajarin reveals that the Guinness is a battery-powered Mac laptop which will price in at well under the $4,500 Laguna laptop. Bajarin doesn't say what the Guinness will feature, but NEWSBYTES UK's sources suggest it has a single-floppy drive, an LCD screen, 1Mb of system Ram and cursor control in place of the mouse.

Bajarin also reveals that Apple has two 68030-based machines in the pipeline - Bones and Modern Victoria. Bones is a 16MHz tower beast, whilst Modern Victoria rips along at 20MHz. Networking is an optional extra on both machines, using a system called 4-Square. Other features of Bones and Modern Victoria are said to be Puff, a new sound and video board, and Super Scooper, a disk drive capable of reading and writing in both IBM and Mac formats.

When will see the new machines? Bajarin reckons it'll be early in '89 with a possible showing for one of the 68030 boxes at the MacWorld Expo. NEWSBYTES UK's sources, however, suggest an announcement for the week of Comdex (LasVegas - 14/18 November). With Atari expected to unveil its Stacy ST laptop that week, it looks like there could be a lot of laptop interest around...

NEW HANDBOOK ON VDU HAZARDS

LONDON, UK (NB) — You've read about VDU hazards in the press, now it's time to read the book. 'VDU Hazards Handbook', by Ursula Harris, makes for a good read on the subject and covers several topics including: health, myths, safety laws, glare filters and shielding.

The handbook costs £5-45 including post and packing and looks to be the best, if not the only, reference book in the UK on VDU hazards.

CONTACT: LONDON HAZARDS CENTRE,
3rd Floor, 308 Grays Inn Road,
London WC1X 8DD.   Tel: 01-837-5605.

ADOBE SYSTEMS (Amsterdam 575-3193) has joined the Open Software Foundation. The OSF's aim is to develop and promote a completely open software environment spanning several computers. The group's membership includes Apollo, DEC, Groupe Bull, H-P, IBM, Nixdorf and Siemens...

DENNIS PUBLISHING (01-580-0544) has acquired the rights to the name Apple User, following Database Publication's decision to axe the magazine earlier this year. Whilst there no plans to relaunch Apple User as a separate publication, Dennis is incorporating the name within its Mac User monthly magazine...

APPLE/ROYAL COLLEGE OF ART LAUNCH PROFESSIONAL DTP COURSES

LONDON, UK (NB) — Apple and the Royal College of Art have joined forces to launch a range of professional desktop publishing (DTP) courses. The courses start in September and will last three days.

"The courses have evolved as a result of the tremendous growth in DTP", said Robin Baker, head of computing at the Royal College of Art. "Most organisations need to produce information and, whilst this has traditionally been produced using expensive external services, the last couple of years have seen more and more organisations realising the benefits of developing in-house resources," he added.

CONTACT: ROYAL COLLEGE OF ART,
Kensington Gore, London SW7 2EU.
Tel: 01-584-5020 ext 290/324/325.

ADOBE SYSTEMS EUROPE (Amsterdam 575-3193) has appointed Appropriate Technology (01-627-1000) as its second UK distributor. Adobe products are currently distributed by Letraset. The deal could make for some price competition on Adobe's Illustrator '88 and other products...

ADOBE SYSTEMS JUMPS ON X-CONSORTIUM BANDWAGON

AMSTERDAM, NETHERLANDS (NB) — Adobe Systems has joined the X Consortium. The consortium was founded by the Massachussetts Institute of Technology (MIT), and promotes, as well as supports, the X Window standard of software. Other members of the consortium include Apollo, Apple, AT&T, Bull, DEC, IBM, Hewlett-Packard, Sun, Tektronix and Xerox.

The X Window system is a standard for displaying multiple applications simultaneously on a computer screen. The idea behind the consortium is to establish a standard for software vendors to work around, rather than having to redesign the user interface for each computer/operating system environment.

Jerry Byma, MD of Adobe Systems Europe, reckons that Adobe's membership will reap dividends for Pagemaker users.

"We're pleased to be counted amongst the leaders in the computer industry whose membership in the consortium will support the continued enhancement and development of the X Window standard.

Adobe is a great advocate of establishing standards in the computing industry", he said.

CONTACT: ADOBE SYSTEMS EUROPE BV,
World Trade Centre,
Strawinskylann 631, 1077 XX Amsterdam,
The Netherlands.
Tel: Amsterdam (020) 575-3193.
Robert Sheifler, MITI (US) 617-253-0628.

ALDUS FORMS EUROPEAN SUBSIDIARY

HAMBURG, WEST GERMANY (NB) — Aldus Corporation has formed Aldus Software, its third European subsidiary, to be based in Hamburg, West Germany. The new company joins Aldus Europe in the UK and Aldus Manutius in Sweden.

The formation of the new European division is designed to service the growing desktop publishing community in West Germany, according to Paul Brainerd, Aldus Corporation's president.

"Aldus recognises the growing market in Germany for desktop publishing. By establishing Aldus Software, we can provide enhanced support to more European customers and distributors", he said.

CONTACT: ALDUS EUROPE - 01-748-9898

ALDUS CORPORATION - 0101-206-622-5500

PRINTERS #1: EEC BLITZES DAISYWHEELS WITH 43.2 PER CENT LEVY

BRUSSELS, BELGIUM (NB) — Barely is the ink dry on the 33.4 per cent levy on Japanese-produced dot matrix printers (imposed earlier this year), than the EEC has slapped a provisional 43.2 per cent levy on Japanese daisywheel printers sold within the European Economic Community.

Two Japanese companies - Juki and Tokyo Electric - will only have to suffer a 12.4 per cent levy on their printers. These companies, said the EEC last week, co-operated with the anti-dumping investigation, and provided profit figures for officials to work on. Other Japanese daisywheel printer manufacturers have not, say the EEC, co-operated and could face a final levy as high as 58 per cent.

Why the levy? The reason, say EEC officials, is that Japanese printer manufacturers have been dumping excess production in the European markets. This has adversely affected European printer manufacturers in terms of sales and future profits.

The result of the levy isn't likely to be felt in the shops in the UK and Europe for a few weeks, so, if you were planning on buying a daisywheel printer, now could the time to buy...

PRINTERS #2: NEC HIKES ITS PRICES - BLAMES DRAM CHIP SHORTAGE

LONDON, UK (NB) — And as if the EEC daisywheel levy isn't bad enough news, NEC has announced price increases on several of its Pinwriter dot matrix and LED printer series.

The increases, which took effect from 1 July, push the P6 and P7 Plus printers from £599 and £765 to £649 and £839 respectively.

The LED-equipped LC866+ and LC890 meanwhile, rise £500 to £2,995 and £4,495 respectively

Why the price rises? "It's all down to the massive increase in the price of DRAM chips this past year", said an apologetic John McGrath, manager of NEC's peripherals division. "The LED printers contain between 1.5 and 3Mb of chips as a Ram buffer and that's what has pushed the price up," he told NEWSBYTES UK.

As with the daisywheel price rises, the NEC printer price hikes are effective from the company end of the distribution chain, so there's a good chance of snapping a pre-price rise unit within then next few weeks. The good news is that the price of NEC's Pinwriter P2200 and P9 units remains unchanged.

CONTACT:

NEC UK, NEC House,

1 Victoria Road, London W3 6UL.

Tel: 01-993-8111.

ADOBE SYSTEMS (01-734-9681) has walked off with the 'most significant contribution to the British printing industry' award at the Printing World Awards 1988. The award was given for Adobe Illustrator, which, NEWSBYTES UK notes, also won the British Microcomputing's Business Software of the year (1987) and the RITA software product of the year (1988) awards.

MICRONET/TELECOM GOLD DEAL DEBUTS

LONDON, UK (NB) — Micronet, the microcomputing information provider on Prestel, is fighting back against criticism of the Prestel price increases that will take effect on 1 July this year.

As part of its marketing battle, Micronet is offering a package deal of Prestel and Telecom Gold together for £23 per quarter year. No other up-front charges are imposed. Taking advantage of this deal effectively gives purchasers a free subscription to Micronet.

John Tomany, MD of the Telemap Group, which provides the Micronet service, sees the package deal as attracting a lot of new members:

"It makes sense for computer users who access Prestel and Telecom Gold to use Micronet as well and, at this price, they'd be silly not to", he said.

Will Micronet's package deal deter many existing users from logging off Prestel for the last time? NEWSBYTES UK doubts it, but predicts that Micronet will survive, although in a changed form.

The system's subscriber-base will probably move up-market, with subscription figures pulling back from the marginal losses the Prestel price increases cause.

CONTACT: TELEMAP LIMITED,

Durrant House, 8 Herbal Hill,

London EC1R.   Tel: 01-278-3143.

NOVELL: INTEGRATING THE DOS, OS/2 AND MAC ENVIRONMENTS

LONDON, UK (NB) — Novell UK has unveiled a new innovation in networking software, Netware V2.15 which links the Dos, OS/2 and Macintosh environments together.

According to Andrew Zoltowski, general manager of Novell UK, more than 18 independent developers (including Ashton-Tate, Lotus and Wordperfect) have already made commitments to produce compatible products supporting Netware 2.15 and Netware for the Macintosh.

"By drawing the Macintosh under the Netware networking umbrella, it means that users of the PC, PS/2 and Macintosh can all share information on a single network. So, if you like working under Dos you can, whilst your colleague can work on his Mac. It's all possible now under Netware", Zoltowski told NEWSBYTES UK.

Apple UK is pretty keen on the new Novell networking software as well. Jane Burley, Apple UK's marketing manager for desktop communications, told NEWSBYTES UK that she sees the new software as forming the basis of an industry standard.

"Applications programs written to Appleshare are also 'Netware aware' and will work with the Netware server. Developers will be able to support industry-standard application program interfaces which will enable them to optimise the most powerful features of both Macs and PCs", she said.

When the dust settles from the product announcement fanfare, it will be interesting to see how many Mac users will allow their machines to be hooked into the same network as a PC. Most Mac users NEWSBYTES UK has come in contact with are very sniffy about the PC. Could this be the end of One-up-Macship?

CONTACT:

APPLE UK, Eastman Way, Hemel Hempstead, Hertfordshire HP2 7HQ. Tel: 0442-60244.

NOVELL UK, Avon House, Sweetwell Road,

Bracknell, Berkshire RG12 1HH. Tel: 0344-86040.

Apple introduces the Apple Scanner

Shown for the first time at MacWorld Boston - August 1988

Apple Computer, Inc. has announced the Apple Scanner, an optical image scanner that strengthens customers' ability to integrate high quality line art, half-tone and grey scale images into Macintosh applications.

The Apple Scanner system comprises a flatbed scanning device and AppleScan software - as well as HyperScan software which will be available in the UK from the end of September. The 8.5" x 14" flatbed scanner is capable of importing previously created images and graphics into any popular painting, drawing or page layout application supporting Picture File Format (PICT), Tag Image File Format (TIFF) or MacPaint file formats.

AppleScan software lets users modify scanned images and high level of graphics integration with Apple peripherals such as the LaserWriter and ImageWriter LQ printers. HyperScan software allows high quality images to be quickly and easily placed into HyperCard stacks.

Hardware Features

Using SCSI interface for high speed data transfer, the Apple Scanner is capable of scanning images as large as 8.5" x 14" at a choice of 75, 100, 150, 200 or 300 dpi and recording line art, half-tone and grey scales with a maximum of 16 (4 bits per pixel) shades.

Software Features

The included AppleScan software offers efficient and significant control for obtaining the best possible final image. Users can choose contrast and brightness controls, several AppleScan-supplied half-tone techniques (or create their own) and threshold and grey-map setting.

Many of the AppleScan features are designed to streamline the scanning process, minimising the time from start to finish.

HyperScan, written by HyperCard author Bill Atkinson, allows graphics to be scanned directly into HyperCard stacks.

The powerful scanning capabilities of the HyperScan stack include reduction or enlargement of the original image, portrait or landscape scanning and automatic adjustments for brightness, contrast and half-tone pattern.

According to Apple Computer (UK) Ltd, the Apple Scanner has a suggested retail price of £1295 (+VAT) and will be available in September from authorised dealers. The Apple Scanner includes AppleScan software, user guide and power cable. Operation requires an appropriate SCSI interface cable. HyperScan will be available to purchasers of Apple Scanner as soon as it is released.

U S A data sheet

System Requirements:

A Macintosh Plus, Macintosh SE or Macintosh II computer with at least 1 megabyte of memory. (You can increase the performance of the Apple Scanner by using it with more than 1 megabyte of memory.)

A hard disk drive

System file version 6.0 or later

Appropriate SCSI cabling

The removable lid lets you scan bulky documents that don't fit under the scanner's lid.

When teamed with AppleScan software and an AppleFax Modem, provides a link to the worldwide installed base of facsimile machines.

OCR scanner software for UK to be announced.

Three new trademarks have been added to the ever-increasing list from the Apple stable - AppleFax, AppleScan and HyperScan!

FAST and Electronic Arts work together against Scottish pirates

Officers of Glasgow's "E" Division CID assisted by Bob Hay of the Federation Against Software Theft (FAST), Simon Jeffery from Electronic Arts and experts from Elite, Ocean, Microprose and U.S. Gold carried out a simultaneous series of raids in Glasgow, Wishaw and East Kilbride on Monday 8th August 1988.

During the raids, software with a street value of 100K sterling, was seized for examination, the total number of disks (both 3.5" and 5.25") was 3,154. The number of programs, which included not only leisure software, but business and disk utility programs, was thought to be in excess of 6,000.

This is the first time that a combined operation of this kind has been conducted in Scotland and it is understood that enquiries will now cover other areas of the U.K.

Bob Hay said "Piracy in Scotland has been of concern for some time but with some very good information and assistance from Electronic Arts the Strathclyde police carried through a very thorough investigation. Results so far are most encouraging."

Simon Jeffery, U.K. Sales Administration Manager from Electronic Arts, said "We were alerted to the pirates' activity by both end-users and our local dealer/salesman relationship, and worked closely with FAST over a number of months to make this operation a success. Electronic Arts feels that if software houses can work with FAST in taking a firm stand against piracy, it can be countered."

Well! and I always thought that pirates came from Penzance?..........Evenin' All!

Apple launches the GS/OS

The IIgs was released before its companion operating system had been fully finished. It was intended from the first that there should be a Mac-like interface, complete with Desktop and Toolbox. The IIgs could of course run any existing Apple II software, but this did not fully realise the potential of the IIgs graphics. In the States the IIgs was released with the P16 Launcher in lieu of a true Finder, and in the UK Apple released a version of MouseDesk running under P8 as well. In both cases a P16 System disk was included.

This was the state of affairs for some time. However late last year we saw the launch of the true P16 Finder, and at last we had a desktop running in colour that truly resembled the Macintosh. This disk was launched in the UK as System 3.1 and was available from Apple dealers.

The rumour factory got into top gear after this launch, and it was expected that we should see a new operating system more closely allied with the Macintosh some time in the early autumn of 88. Just over two months ago saw the release in the States of System 3.2. On the surface this looked much the same as 3.1 - however, AppleTalk drivers were extended and improved, and a new Font list appeared in the Font folder. Apple UK decided not to issue this version as the newer System 4.0 was supposed to be on its way soon.

Early October finally saw the System 4.0 launched in the States, and from mid October it has been available for downloading on the American networks. At the time of writing the disks have not been released in the UK, but should be available from your dealer very soon. In the States the system disks are available free, or rather the software on them is distributed free, and a companion manual is for sale. In the light of this availability in the States, Apple2000 are distributing the disks from the IIgs library. We are not however distributing the manual in any form.

These disks are subject to a Licensing agreement. You must read the two files on the disks, READ.ME.FIRST and LICENSE.TEXT before use.

WHAT DO I NEED

System 4 or GS/OS (GS Operating System) needs a minimum of a 512K IIgs, Version 01 System ROM, and Version 2.0 SCSI ROM. As has been the case all along, you cannot boot P16 or the GS/OS from a 5.25 inch disk, so you need a minimum of one 3.5 drive.

A basic GS has only 256K on board, the Apple Expansion Memory card comes with a minimum 256K , with this card fitted you will have 512K of system RAM. All IIgs's in the States are now released with this minimum configuration.

There has been one revision of the system ROM to Revision 01. This ROM was released last year, and is fitted by Apple dealers on an exchange basis. They are entitled to make a small fitting charge. If you have not had this done, you should do so as soon as possible. There are many programs now appearing that will not run on the old ROM. But there are also some programs that will not run under the new ROM, these should be updated for you by the distributors if you get in touch with them.

If you want to use a hard disc with an Apple SCSI card, you will need to have the new Revision 2.0 ROM fitted. This ROM is supplied on all the 'C' revision SCSI boards. GS/OS will not see the drive if the older ROM is fitted. This ROM can also be fitted by your dealer on an exchange basis and they are entitled to make a small fitting charge.

WHY SHOULD I UPGRADE TO GS/OS

The first examination of the system disk does not show very many changes over System 3.1 except for the usual upping of version numbers, P8 is now up to 1.7 for instance. Closer examination shows some subtle and important differences. The most obvious is a welcome box when you boot instead of the ProDOS copyright screen. A progress 'thermometer' in the box shows you the state of the loading process which now reaches the Finder in 35 seconds.

The P16 file has been replaced by START.GS.OS and GS.OS, and a new folder has appeared FSTS.

The Finder looks much the same, but the Quit command is replaced with a Shutdown command, allowing you a choice of exit routines. There are many small changes and Validate File and Verify Volume have appeared in the menus as well.

In the Apple menu a new Disk Cache NDA has appeared, this is automatically selected on boot, and no doubt is responsible for the faster boot times. If you have enough memory, you can increase the caching space to make even faster disk access.

The FST folder hides perhaps the most important change in the new system, and together with the System.Tools disk expands the capabilities of the GS very far indeed.

INSTALLING GS/OS

The new system comes on two discs, System.Disk and System.Tools. Those with a Mac will know that you need to install the Mac System on a disk or hard disk before you can use it. The GS now falls into this category. Although you could in fact run from the System Disk, many things will not be there that you might expect. A hard disk or 5.25 disk will not be seen for instance.

On the System.Tools disk are two new programs, Installer and Adv.Disk.Util. The Installer allows you to install all system files, drivers and other things on a disk of your choice. It removes any existing files as it does however. If you want to use your hard disk you must first install on a floppy or Ram disk. With the fully installed program you can then boot and see your hard disk. You will then need to Install on the hard disk to be able in turn to boot that.

The most important change in hard disk operation, is the ability to now partition your hard disk into a maximum of 7 partitions per SCSI card with each partition up to 32 megabyte in size. We can now use a complete 224 megabyte hard drive! What's more, each partition has the potential of being initialised to a different operating format. This is where the FST folder comes into play. On the current disk we have two FST's provided, one for ProDOS and one for the High Sierra CD Rom drive. In due course we would expect to see Macintosh, Pascal IBM and other such FST or File System Translators.

When we do come to format a floppy disk, we can now choose either 400K or 800K format. This allows us to use single and double sided disks a feature until now only available to the Macintosh user.

All in all System 4.0 is an important step forward for the IIgs.

ORDERING

You will need to order both disks. Order as 2GS009 and 2GS010 from the IIgs library each disk is £5.

New addition to IIgs Library

We have a new addition to the IIgs library. Disk 2GS008 is a collection of the latest bits and pieces from the Public Domain and Shareware . It also includes some updates to programs on other disks. Order as 2GS008.

```
/LIBRARY.8/
 =DAS              DIR      1  24-OCT-88
   =NIFTY.LIST.CDA DIR      1  24-OCT-88
     =NLIST.DESC    TXT     38   4-OCT-88
     =NLIST.DATA    TXT     71  30-SEP-88
     =NIFTYLIST.CDA $B9     43   4-OCT-88
     =NLIST.REV     TXT     20   4-OCT-88
   =ALARM.NDA      DIR      1  24-OCT-88
     =ALARM.STR     $B6     23   1-SEP-88
     =ALARM.CDA     $B9      5   1-SEP-88
     =ALARM.LAUNCHER $B3    13   1-SEP-88
     =ALARM.TEMPLATE BIN     3   1-SEP-88
     =INSTALL.ALARM $B3     13   1-SEP-88
   =PALETTE.NDA    DIR      1  24-OCT-88
     =PALETTE.ICON  $CA      3   8-OCT-88
     =PALETTE.PULLER $B8    27   7-OCT-88
     =PP.DESC       TXT      7   8-OCT-88
   =FINDER.DATA    $C9      1  23-OCT-88
   =SHOWCLIP.NDA   DIR      1  24-OCT-88
     =CLIP.NOTES    TXT      6   4-JUL-88
     =CLIPNDA       $B8     20   4-JUL-88
   =MASTER.NDA     DIR      1  24-OCT-88
     =A.MASTER.NDA  $B8     34  20-OCT-88
     =MASTER.NDA.DOC TXT    25  20-OCT-88
 =UTILITIES        DIR      1  24-OCT-88
   =EXPANDER       DIR      1  24-OCT-88
     =EXPANDER.SYSTEM SYS    6  18-SEP-88
     =EXPANDER.DOC  TXT      6  18-SEP-88
   =SYSBEEP        DIR      1  24-OCT-88
     =SYSBEEP       $B6      4  16-FEB-88
     =AUXSET        $B3     16   5-FEB-88
     =BEEP.A        BIN     12  28-DEC-87
     =SYSBEEP.DOC   TXT     11  16-FEB-88
   =BLU            DIR      1  24-OCT-88
     =BLU           SYS     45  25-AUG-88
     =BLU.DOC       TXT     17  25-AUG-88
   =FASTBOOT       DIR      1  24-OCT-88
     =BOOT.SYSTEM   SYS      8  20-JUL-88
     =BOOT.DOCS     TXT     23  20-JUL-88
   =SQUIRT.SYSTEM  SYS      4  18-SEP-88
   =BLANKER.APP    $B3     45   8-MAY-88
   =IIGIF          SYS     26   5-MAR-88
   =MEMORY         DIR      1  24-OCT-88
     =GS.256K       $08     17   2-FEB-88
     =GS.1024K      $08     17   2-FEB-88
     =GS.512K       $08     17   2-FEB-88
     =STARTUP       BAS     18  24-SEP-88
     =READ.ME       TXT      4  26-SEP-88
     =TEST.CODE     $02      3  24-SEP-88
   =SETUP          DIR      1  24-OCT-88
     =SETUP.SELECT  BAS     13   9-JUN-88
     =BOOT.S4       BAS      1   5-JUN-88
     =BOOT.S7       BAS      1   5-JUN-88
     =SETUP.SEL.DOC AWP     27  25-JUN-88
     =BOOT.S6       BAS      1   5-JUN-88
     =BOOT.S5       BAS      1   5-JUN-88
   =TREEDIR        BAS     16  27-APR-88
 =VACCINES         DIR      1  24-OCT-88
   =VACCINE        $B3     74  31-JUL-88
   =VIRUS.RX       DIR      1  24-OCT-88
     =RX.DOC        TXT     17  29-MAR-88
     =APPLE.RX      SYS     17  29-MAR-88
 =CHEAP.PAINT      DIR      1  24-OCT-88
   =CHEAPPAINT     $B3    256   5-JUL-88
   =CHEAPPAINT.DOC TXT     59   5-JUL-88
 =ICON.EDITORS     DIR      1  24-OCT-88
   =NEW.ICONED     DIR      1  24-OCT-88
     =ICONED        $B3     56  12-SEP-88
     =IE.ICONS      $CA      4  25-AUG-88
     =ICONED.DOC    TXT     31  12-SEP-88
     =ICONED.REV    TXT      6  12-SEP-88
   =ICONS          DIR      1  24-OCT-88
     =FINDER.ICONS  $CA     31  25-JUL-88
     =AUX.ICONS     $CA     89   6-AUG-88
   =DICED          DIR      1  24-OCT-88
     =DICED         $B3    170  18-SEP-88
     =DICED.HELP    TXT     23  18-SEP-88
     =DICED.ICONS   $CA      3  18-SEP-88
```

Tired mice rejoice

If your mouse has worn feet or jerky travel and other mouse troubles, pension it off and replace with a new A+ mouse from Mouse Systems. This mouse dispenses with the rolling ball and instead uses the more accurate device of LED beams reflected from a special pad. The movement is much smoother and precise and is a joy to use.
MacPlus/128K, //c and Laser 128 version £80.50
Mac SE, Mac II and IIgs version (ADB) £89.00
Apple //e (includes Apple's own interface card) £150.43
All prices include VAT - From MGA Microsystems.

Get into the black with a Re-Inker

Printer ribbons have a nasty habit of going grey, usually sooner than you expected. The ribbon itself is rarely worn, and with the help of a MacInker can be brought back to a better than new condition for the fraction of the cost of a new ribbon. It really does work, and the ribbon really is often better than when new.
Your colour ribbon can now be re-inked as well.
Mac-Inker for ImageWriters £40.00
Universal Mac-Inker £66.50
Multicolor adaptor for ImageWriter II £38.00
All prices include VAT - From MGA Microsystems.

Support programs for AppleWorks

HelpWorks is a tutorial and teaching aid for AppleWorks. It consists of a 320 page instruction manual and over 120 sample AppleWorks files and templates on disk.
HelpWorks £39.95

ThinkWorks is an outliner that produces AppleWorks compatible files. It allows you to organise and sort information, inventories and reports.
ThinkWorks £47.95

ReportWorks is the complete report generator for your AppleWorks spreadsheet and database files. Full formatting of the report is possible with pagination, powerful math features, headers, footers and many more facilities.
ReportWorks £47.95
All prices include VAT - From MGA Microsystems.

Interface parallel printers to your //c

The standard serial interface of the Apple computers does not allow you to use parallel printers such as the Epson range. By plugging in the Apricord //c Universal Parallel Interface you will be able to connect to any parallel printer and print in the normal way.
Apricord //c £57.95
All prices include VAT - From MGA Microsystems.

New //c launched in the States

It has been a busy time for Apple in the States, not only has the new GS/OS been launched but a new //c saw the light of day as well. Details are scarce, but it appears the new machine has 1 megabyte of memory, a 3.5 drive, a fast clock speed and a full implementation of AppleTalk. Like all the new machines from Apple, the //c is in Platinum grey plastic.
It is now some time since the launch of a Platinum //e. This machine has one of the new full width keyboards sporting a numeric keypad like the GS and the Macintosh. Newer //e's also have a new motherboard with a reduced chip count.
It seems the UK is no longer considered fit to have the Apple II . Despite having a very high user base of II machines in this country, it is very unlikely we will ever see these newer machines offered by Apple to the dealers. In the States they sell like 'hot cakes'!

Apple UK gives the shows a miss

Anybody who visited the PC show at Earls Court, hoping to see Apple there, was in for a surprise. The only Apple presence was Apple Centre West London, who went along on their own behalf - but Apple seemed to rely on them to "fly the flag". Anybody who made the trip to see what there was relating to Apple must have been disappointed.

The Desktop Publishing Show looked more promising, but again they were missing. Apple do have a permanent presence in the form of the Apple Centre at the Business Design Centre, so you could argue that they were there - but the Apple Centre wasn't open on Saturday, when we visited the show.

Many people commented on the lack of Apple presence at both shows - including journalists, organisers, exhibitors and attendees. It seems that Apple is really cutting back on the shows attended in the UK, but it does seem to be a very short-sighted attitude.

Apple may lead in innovation, but it makes you wonder, when you see what else is available in the PC market-place. When Apple Computer, Inc. is breathing new life into the Apple II series, why can't Apple Europe see that the same opportunities exist here? The old saying is "You should never put all your eggs in one basket", and Apple should take heed of this - especially the way the computer industry is going, currently. I wonder what is NeXT™?

Ready-made solutions from Adobe

Publishing Pack 1, Newsletters, has been designed by Roger Black, former editor of Newsweek, The New York Times and Rolling Stone.

He has selected three classic and highly-readable typefaces which work well together in a newsletter format:- ITC Franklin Gothic (six faces), ITC Galliard (four faces) and Century Old Style (three faces).

Erik Spiekermann, head of MetaDesign in West Berlin and an international authority on typography and design, has been commissioned to put together Publishing Pack 2, Forms and Schedules. Forms are usually printed fast, in large quantities and often on poor quality paper.

The three typefaces chosen, which respond well to these production considerations, are Lucida, News Gothic and Univers.

Publishing Pack 3 was designed by Allan Haley, Executive Vice President of International Typeface Corporation and an accomplished type designer.

Called Presentations, it is intended to help the user enhance business presentations such as slide shows, flip charts and proposals. It comprises three typefaces selected for impact and readability over a range of sizes - ITC Lubalin Graph, Helvetica Condensed and ITC New Baskerville.

Publishing Packs 1,2 and 3 are available in both Apple Macintosh and IBM PC format with a retail price of:- Publishing Pack 1 - £360 plus VAT; Publishing pack 2 - £460 plus VAT; Publishing pack 3 - £450 plus VAT.

Adobe software products are distributed in the UK by Letraset and Appropriate Technology.

Symantec Utilities for Macintosh

The October issue of Apple2000 magazine included some information on SUM (Symantec Utilities for Macintosh), and stated that the company had an introductory offer with the first 5000 copies sold.

The details were sent to us by Symantec directly, and they gave no indication of any limitations to this offer. It appears, though, that the offer applies only to USA purchasers (we've lost out, again!).

Our apologies to members who had their interest aroused, and to distributors who have been receiving strange enquiries!

Symantec Utilities for Macintosh is available in the UK from The MacSerious Compay in Glasgow, or from your local Apple dealer.

StandOut! from Letraset

Letraset have announced a new program in the sphere of presentation graphics.

The new program is named StandOut!, and it is claimed to incorporate "powerful desktop publishing features and multi-media output ability". Presentation material can be created in various formats, including colour slides, overhead slides and electronic slide shows.

The program sounds ideal, having tools for text handling, graphics handling, charting, etc., and supports a range of industry-standard file formats to allow the importation of graphics.

StandOut! is being introduced in the UK at £395 + VAT, which includes a design guide to preparing presentations.

The minimum recommended hardware is a Macintosh Plus with external disc drive.

Mathematica book

from Addison-Wesley Publishers

When Wolfram Research, Inc. announced the release of their new software system, Mathematica™, Addison-Wesley Publishing Company announced the publication of the primary documentation for the software system: "Mathematica: A Syaytem for Doing Mathematics by Computer", by Stephen Wolfram.

The 768-page book includes both a tutorial introduction and a definitive reference guide to Mathematica. It is fully illustrated with graphics produced by Mathematica, and is available in both hardback and paperback. The hardback version retails for £36.85, and the paperback version retails for £19.95.

The Mathematica software will be offered by a number of major computer manufacturers - including IBM, Sun Microsystems, Silicon Graphics and NeXT. A Macintosh version is available directly from Wolfram Research, Inc.

Apple's CD SC has a bad start

Apple are off to a slow start in the USA with the poor showing of CD Discs available. Of the 30 promised titles, some have yet to emerge - leaving the MS-DOS base in the lead with as many as 200+ titles.

So far as this particular technology is concerned, Apple has some catching up to do!

Apple, Inc. announce results

Apple Computer, Inc. reported strong increases in sales and earnings for their fourth financial quarter, ending 30th September 1988.

Net sales rose by 49% over last year (from $786.4million to $662.9million), while net profit rose by 51% (from $71.7million to $107.9million). These figures relate to the fourth quarter only; the effect on the full year's results was to increase sales by 53% (from $2.66billion to $4.07billion), and net profit by 84% (from $217.5million to $400.3million)

This means that Apple has acheived its ambition of passing its target of $4billion sales for its full year - due mainly to its very strong hold on the US education market (i.e. the future users of any Apple machine).

However, a recent market research survey shows that IBM is increasing its hold on the PC market.

Market Share by units (Summer 1988)		By Value - Summer 1988	
IBM	24.2%	IBM	31.0%
Amstrad	16.2%	Compaq	18.1%
Compaq	12.9%	Apple	6.7%
Apple	6.0%	Toshiba	6.3%
Toshiba	5.5%	Apricot	6.3%
Apricot	5.4%	Olivetti	6.2%
Olivetti	4.5%	Amstrad	5.3%
		Tandon	4.1%

Apple (USA) launch System 6.0.2

System 6.0.2 has been issued to US dealers, but corporate micro managers are not rushing to implement. System 6 has not had a good start since its release to the US market in May 1988.

Corporate users are testing out the software on one machine before installing on the whole network. This is a slow process, but it is felt to be best as they are still encountering bugs.

To use System 6 to its full advantage, you need to upgrade your memory to 2Mbytes. Users in the States say that if you don't have the memory you should stick with system 5.0. That is, of course, unless the hardware you are using forces you to upgrade - users of the Apple scanner are a prime example!

Apple release new drivers for the LQ

Apple has released its long-delayed upgrade for the ImageWriter LQ, which fixes problems with word spacing when printing in "Best" mode.

Both the ImageWriter LQ Driver v2.0 and the AppleTalk ImageWriter LQ Driver v2.0 will be available on the System 6.0.2 Printer Tools disk.

MANDARIN SOFTWARE

In search of the Holy Grail

The treasure hunt is now on, to find the Holy Grail. Lancelot, the computer game devised by Level 9 and published by Mandarin Software, with the chance to win a £5,000 replica of the legendary Holy Grail.

If you fancy your chances, the price is £14.95 for most 8-bit formats and £19.95 for all 16-bit formats.

If your Dealer can supply the game for you, you have a sporting chance. If not, ask him to get it for you - after all, someone has to win the Holy Grail. Lancelot had his chance!

The Grail, which is gilded inside with 22-carat gold and encrusted with amethysts, garnets and opals, will stand on an oak block with a solid silver plaque to be engraved with the winner's name.

Lets hope the winner is an Apple User.

Does anyone know where Guenever is?

Apple gets into top gear!

Renault, the French car manufacturer, is reputed to have a contract with Apple to buy 5,000 Mac II's equipped with CD-ROM drives.

Renault are using HyperCard to show their technical documents, with a plan to install Mac's in the full dealer network - making this a good foot-hold for Apple.

Maybe this is Renault's way to drive a Mac!

Whatever NeXT™?

NeXT, Inc. has announced the NeXT™ Computer System, which is the first new computer to use the powerful Display PostScript imaging model from Adobe Systems.

Adobe's Display Postscript System allows the image on the NeXT Computer System screen to correspond to the text and graphics printer on a PostScript printer.

This is the first time software programs can display images on screen that are identical to what is printed. This is also the first system where all graphics software interfaces are completely device independent. This puts the Steve Jobs machine a generation ahead of its rival, Apple.

For those who don't know, Steve Jobs was a cofounder of Apple some 11 years ago.

The NeXT computer has a price tag of US$6,500, with approximately 20,000 units likely to be shipped in the next 12 to 18 months. The distinctive black machines are only to be sold to institutions of higher learning and their students. No mention has been made of UK availability, so (if you feel you must have one) I suspect you will have to take a trip to the good old USA.

DEC and Tandy alliance

The technology-sharing deal is the second to be signed by DEC since the signing with Apple earlier this year (the first, after Apple, being with Compaq).

The agreement relates to the manufacture of a new line of personal computers to be sold by DEC - presumably, these will be IBM-compatibles, like the current Tandy PC's.

InnerCrate 300Mbyte drive

CRATE Technology have announced InnerCrate, their solution for the Mac SE and Mac II internal disk drive needs, ranging from 30Mbyte to a high performance 300Mbyte model.

Prices start at $560 to the ultimate 300Mbyte drive at a price of $2,785.

Rumours of new printers and scanners

It is reported that Apple Computer, Inc. plan to release an enhanced version of the Apple Scanner software to give it fax modem background capabilities. There has been no indication as to whether Apple UK intend follow suit, so we don't know whether we'll ever see Apple Fax here in Europe.

Apple also announced their intention to release a colour inkjet printer by 1990, and plans to improve the LaserWriter II series of printers with a release date in early 1989.

LaserWriter-quality colour printers are also in the pipeline. These will probably be based on the solid inkjet technology, and could give a resolution of 600 dpi.

Adobe's PostScript marches on!

IBM has signed an agreement with Adobe Systems for the licensing rights to Adobe's Display PostScript system, with the intention of incorporating it into its AIX operating system.

Adobe have also announced that a PostScript interpreter has been developed, which runs on IBM mainframe computers under their Virtual Machine/Conversational MonitorSystems (VM/CMS).

Hewlett-Packard have signed their own agreement with Adobe, giving HP full licensing rights to Adobe's PostScript language interpreter. To date, more than twenty five computer equipment manufacturers have announced PostScript interpreter licensing agreements with Adobe Systems.

Steve Jobs' new company, NeXT Inc., has also announced that their new computer will include the Display PostScript system as an integral part of its operating system environment.