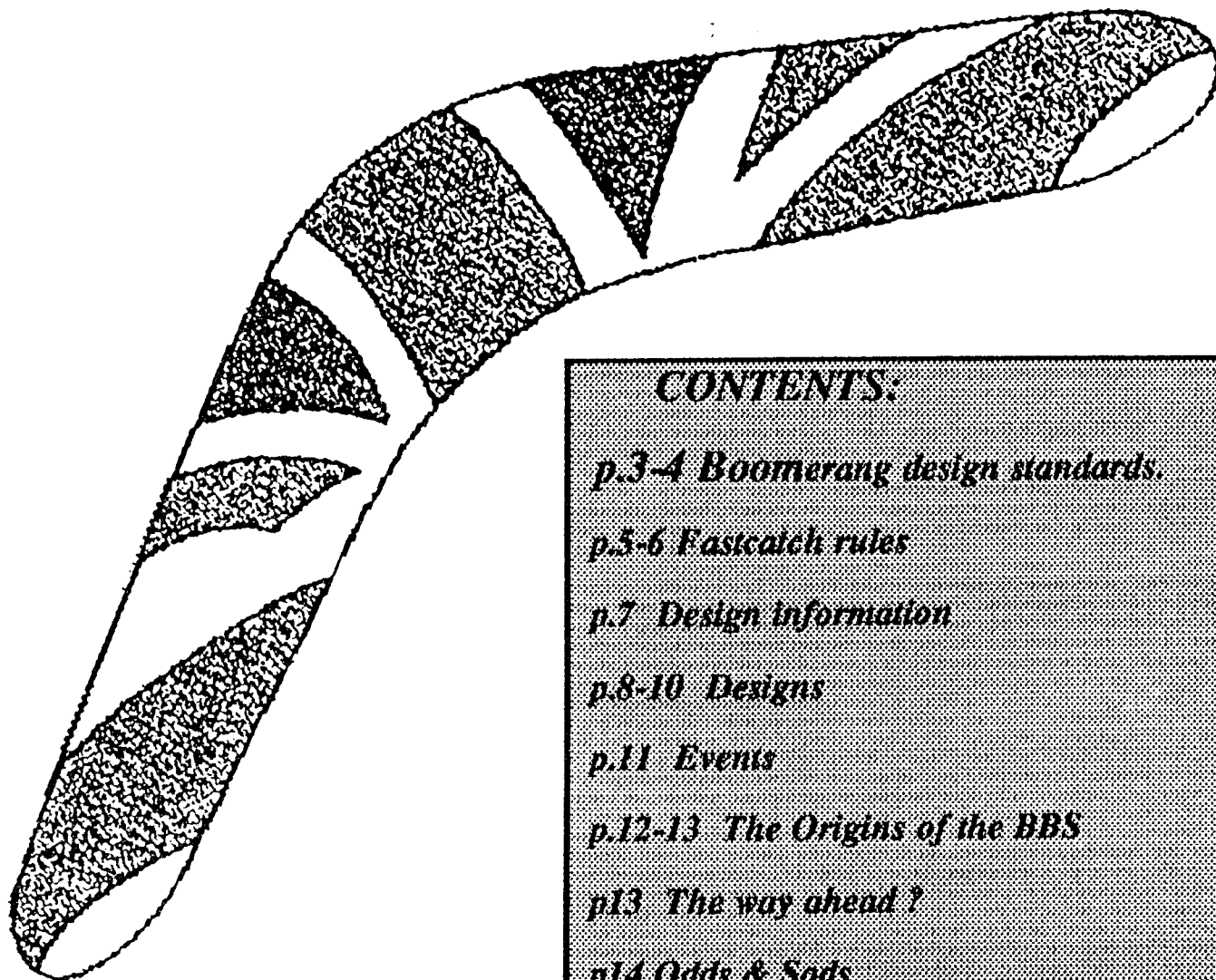


# THE BRITISH BOOMERANG SOCIETY JOURNAL



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*No.1 May 1992*

# **THE BRITISH BOOMERANG SOCIETY**

**Secretary: Sean Slade**

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# PROPOSAL FOR DESIGN STANDARDS COVERING COMPETITION BOOMERANGS:

(Article lifted from WBA literature)

As part of the WBA's efforts to become a registered body with the General Assembly of International Sports Federation, the World Boomerang Association is attempting to set out a formula which would enable the definition of a boomerang.

They accept that this would restrict designs available for use in competition and prohibit the use of some altogether.

The principal reasons given for this course of action are:

a) **MEDIA / SPECTATOR:** It is thought that most non-participants have a fairly simple perception of what a boomerang is (and the proposals seem to pander to this rather than attempt to alter public perception. Ed.)

b) **TRICK CATCHING:** With some of the new style boomerangs in use, it is plain that this event is becoming less challenging.

To compensate for this, three areas have been suggested to make catching more difficult:

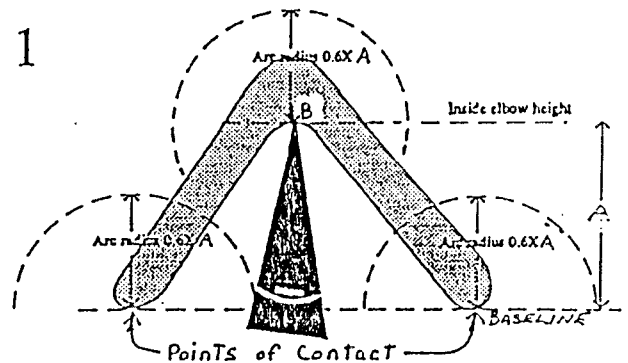
- i) make existing catches more difficult, (6 catches)
- ii) add some harder catches to the event, (( catches)
- iii) Restrict the shape of the boomerang to reduce catching aids or flight habit.

The handicap of solutions i) & ii) lies in the development of the event to unmanageable proportions and it's inaccessibility to new throwers. This leaves solution iii) as the most likely route. By using the suggested formula, it is felt that argument about multiple arms, centre holes, internal shapes &c can be eliminated. At the same time, the introduction of a standard means that we are coming into line with all recognized sports which define the equipment which may be used in participation. (It may also be of benefit to us at a date in the future as and when we make a structured approach to the Sports

Council in this Country-Ed.) Initially it is intended that the formula should cover Trick Catching, Aussie Round and Doubling. By leaving fast catch, endurance (and MTA? - not mentioned in WBA document. Ed.) unrestricted, this will allow individuality but the position would be reviewed if it was felt that designs were becoming too dangerous or radical. PLEASE REMEMBER, THIS IS ONLY A PROPOSAL !!

## PROPOSED BOOMERANG DESIGN RULES FOR WORLD BOOMERANG ASSOCIATION COMPETITION.

**Rules Outline.** The rules are based on simple criteria, which should allow a quick and easy test of any boomerang design. (The proposal was drafted not to define what a boomerang is, but rather to restrict what it might become.) Fig.1 shows a conventional boomerang with both wingtips resting on a baseline.



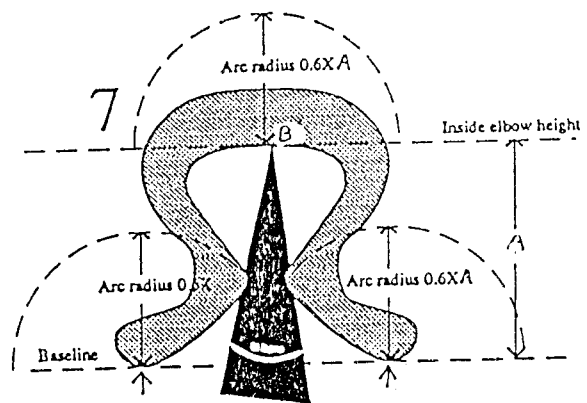
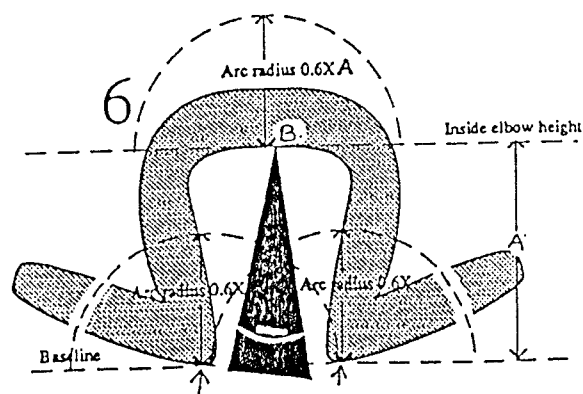
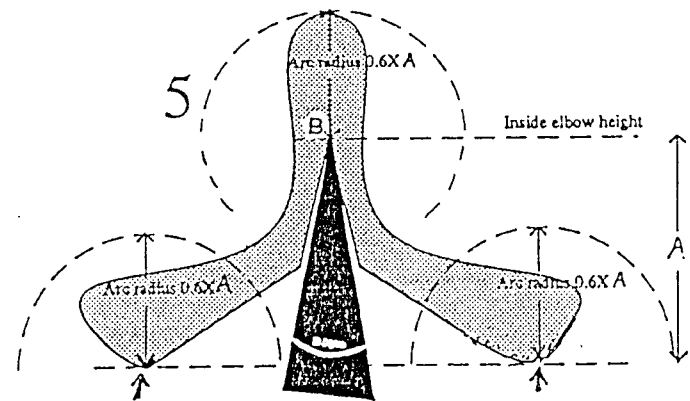
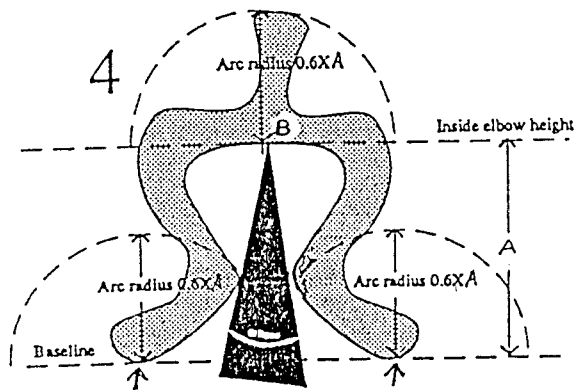
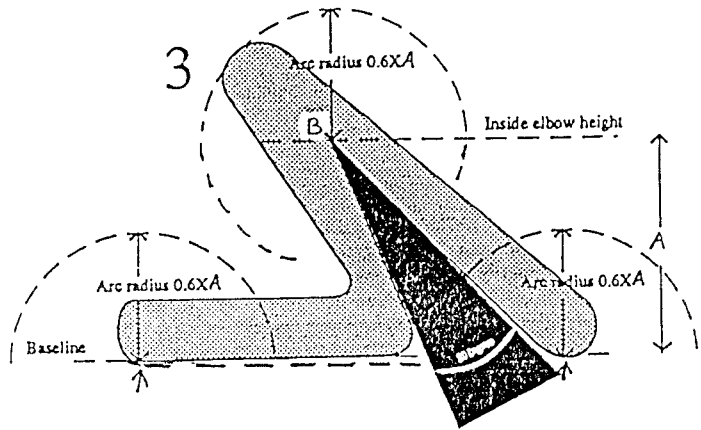
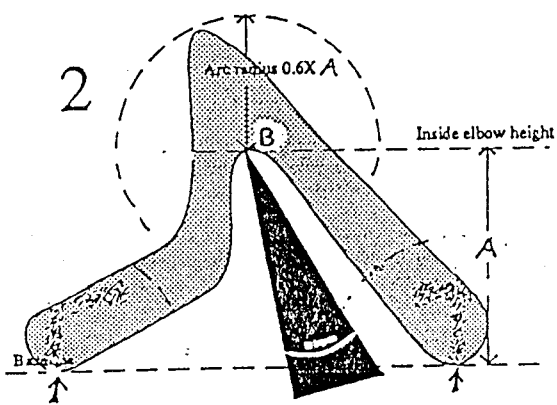
The perpendicular distance (A) from the Base Line to the highest point on the inner curve (point B) is measured. Arcs of radius 60% of this distance (0.6A) are drawn, one centred on B and two more centred where the arms contact the Base Line. In order for a boomerang to be 'legal', it is proposed that it should conform to the following rules: i) The outer shape of the boomerang elbow, or any extensions must fit within the arc centred on point B. ii) The wing ends may extend past the point of contact with the Base Line but must remain within the arcs centred on these points of contact. iii) The internal shape of the boomerang must allow a 20 degree wedge to extend from point B to the Base Line without touching the boomerang.

Some examples are given below as illustrations of how these rules may be applied.

I have little doubt that this will provoke some reaction. It would be helpful if you would forward

your ideas on this subject to me or send them direct to: Roger Perry, The World Boomerang Association, 155 Freemantle Road, Gosnells, WA 6110, AUSTRALIA. It would be quite instructive if we were to

know which of your own collections would fall outside these guidelines. Any triangular or circular design would clearly be out as would, I imagine, a number of perfectly functional novelty designs.



## COMPETITION RULES:

While I recognize that the bulk of the Society may well be au fait with the rules in various competitions, I am not and I am sure there are a number of other new members similarly at sea and this will serve for those who have yet to join as pre-retrospective back issues! Accordingly, I propose to include some outlines of approximately what is expected as laid down by the WBA (Boomerang NOT Boxing) in the next few issues.

I am assured that the rules which will be given in the subsequent editions of our journal are there to be interpreted / bent by tournament organizers as they see fit and are not to be applied rigidly.

A number of boomerang terms are used throughout this piece which the WBA have deemed worthy of definition:

i) **Boomerang** - Number of arms unrestricted. To be a boomerang a stick must return as a result of gyroscopic precession caused by asymmetric lift. The lift is created as a result of a throw that gives the object rotation and linear motion. Other characteristics: Holes: maximum diameter 13mm. Slots: maximum width 8mm - any length. Flaps: when flattened may not overlap either edge. Adhesive: nothing allowed which might assist catching. Material: anything non-metallic - (metal may be embedded or taped on but may not have exposed sharp edges). Other: no launching, propulsion or catching aids may be incorporated. ii) **Legal throw** - Throw of a boomerang from inside the bull's eye or other designated area that satisfies any range requirements of the event. iii) **Legal catch** - the act of stopping and obtaining full control of a flying boomerang after a legal throw provided the boomerang has not touched the ground during the flight or catch and provided the range is sufficient. Full control must be obtained before the boomerang is allowed to touch the ground. The boomerang may be trapped against the thrower on any catch for which a clean catch is not specified. A boomerang may be 'popped' or 'bobbled' but must not be allowed to touch the ground. Anything that protrudes beyond the plane of the top or bottom surfaces of the boomerang may not be used to assist in catching. Holes - whether open or closed - may also not be used to assist catching. There are a variety of other terms but the majority of these are pretty straightforward so I'll not bother with them.

**FAST CATCH:** Time to make 5 catches - lowest time is best.

**Requirements:** For each catch to be counted: Throw from inside the bull's eye with a minimum range of 20m, a legal catch must be made for each round. After 5th round the bull's eye must be touched to stop timers. Last throw must be made within 60s of release of 1st throw. Only one boomerang may be used throughout the event.

**Scoring:** Each thrower in a team is scored individually. Timing is from 1st release to 5th catch or contact with bull after this. If 5 catches are not made in the round, the score is the number of catches, 5 catch scores rank above no.-of-catches-made scores. The official score is the best of the scores obtained in the two rounds

**Team Score:** Total scores of participating team members; lowest is best. Equivalent times must be used if 5 catches are not made before the cutoff, or if a thrower does not complete. Equivalent times are: 4 catches/85 seconds, 3/110, 2/160, 1/310, 0/600.

The round consists of; 5 catches, or the number of catches that are made within 60 seconds of the first throw. If 5 catches are made, the official time may be more than 60 seconds. Two rounds are contested.

**Rethrows:** May not start within 5 minutes from the thrower's unscored round. Official score may not be less than the elapsed time at the time of the interference in the unscored round.

**Officials:** Judge, scorekeeper, 4 range stewards, 3 timers - use lap timers on stopwatches. Timers may be competitors. If a thrower wants to change boomerangs, the one being replaced or a substantial part of it must be returned to the bull's eye by the competitor before any more catches can be counted.

Details of the throwing area are given on the next sheet and in future copies this will be the area referred to when covering:

Aussie Round

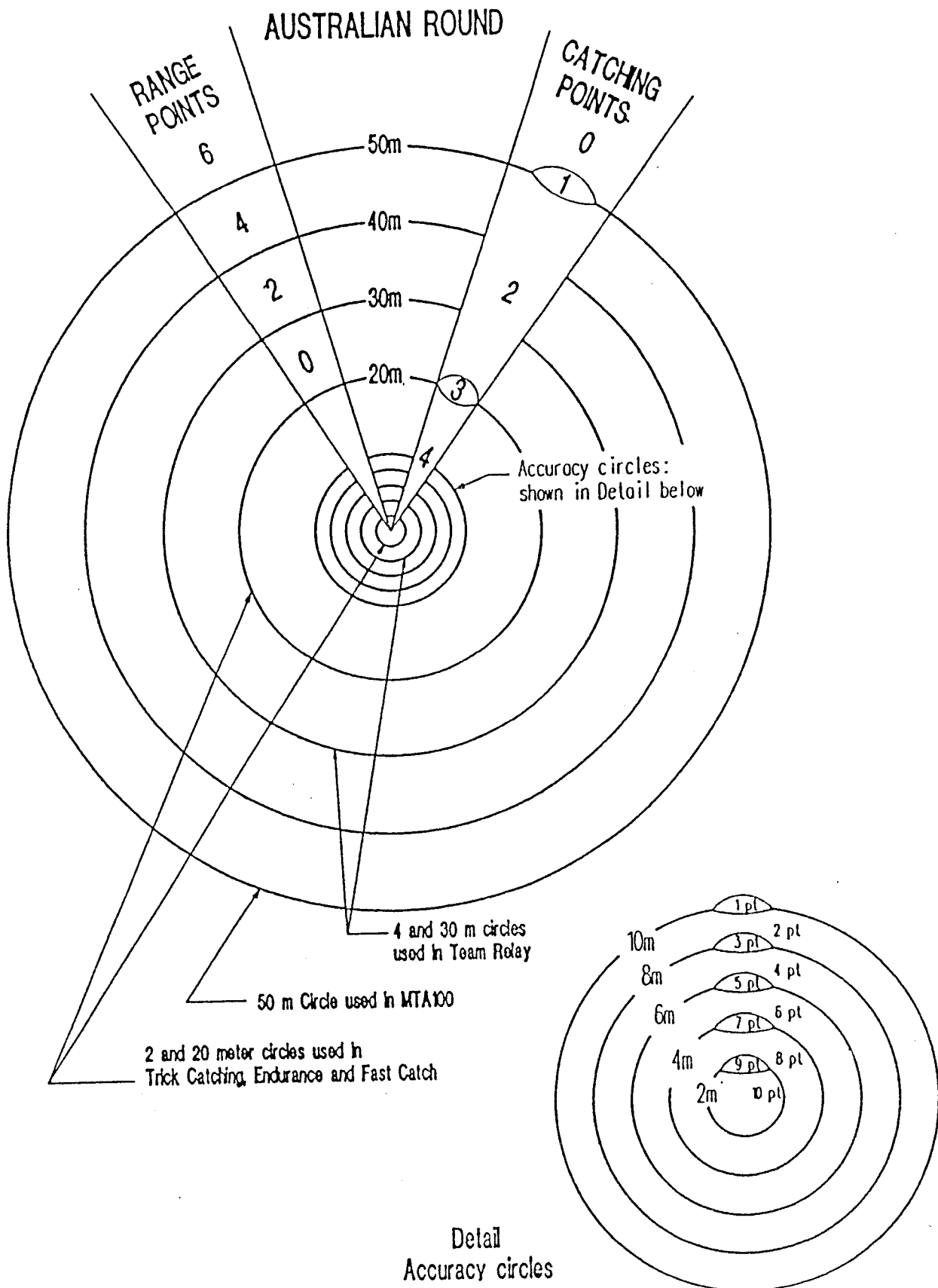
Team Relay

MTA 100 / 50

Trick Catch

Endurance

Fastcatch & Accuracy.



# ADDITIONAL INFORMATION RELATING TO BOOMERANG DESIGNS:

★**INDOOR BOOMERANG** by JORG SCHLEGEL (p.8). Courtesy of Bumerang Welt, IV/91. Material: 5mm Finnish Birch 10-ply. Range: <20m (a big indoors). Span: 252mm. Mass: 46g. Scale: 71%. This is not an easy one to work on the inside of the elbow and if made as per the diagram has rather sharp trailing edges. It flies well and floats up easily at the end, which with it's small span makes for an easy catch. As for the indoor element in it's name, I'm not at all sure. It's range is quite a handy 20m which represents a distance considerably greater than anywhere downstairs in my house even if I battered the walls out.

★**SCHWANRANG** no designer ascribed (p.9)- Courtesy of Bumerang Welt, IV/91. Material: 5mm Finnish Birch 10-ply. Range: 25m+. Span: 285mm (despite advice on original dig. which recommended a span of 235mm the suggested expansion of 141% of the diagram gave this figure. The resultant 285mm boomerang is both elegant and works perfectly well). Mass: 77g. Scale: 71% works fine. I had to use a fair bit of guesswork with the shapes and extent of undercut on this one, likewise the extent of the recesses on the undersurface. While possibly not strictly in accordance with the original plan, I give my own interpretation here plus what useful information was included on the original plan. There was a suggestion on the original plan that the boomerang in some way behaves like a swan when coming in for the catch. Either my eyes & senses are even less efficient than I currently believe or the designer has pushed poetic/artistic license a bit far - I hope he is referring to the flight path rather than the possibility of such a large bird

as a swan performing high speed pirouettes on the way in to splashdown. For all my noises about this boomerang, it is easy to throw, performs well and does look impressive in flight.

★**CONSTITUTION** by SEAN SLADE (p.10). Material: 5mm Finnish Birch 10-ply. Span: 250mm / 10". Mass: 38g / 1.5oz. Range: 30m / 33yds. Scale 100%. Economical on wood and very easy to form. Quite a strong design and very tolerant of poor throwing. Despite its limited span, it's not difficult to get it spinning well enough to fly easily. The bonus of limited span is that the tips have insufficient angular velocity to do much damage on catching. This is just as well since this particular boomerang is not inclined to spend much of its' time hovering, rather more it comes in at a civilized speed with more than a suggestion of a hover - but only just. It is reasonably well behaved in moderate winds. It started life as a 6.4mm 5-ply animal and should you feel inclined to work it this way, expand the design by 120%. In this form it does have a bit more range, perhaps 10-20%.

★

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★

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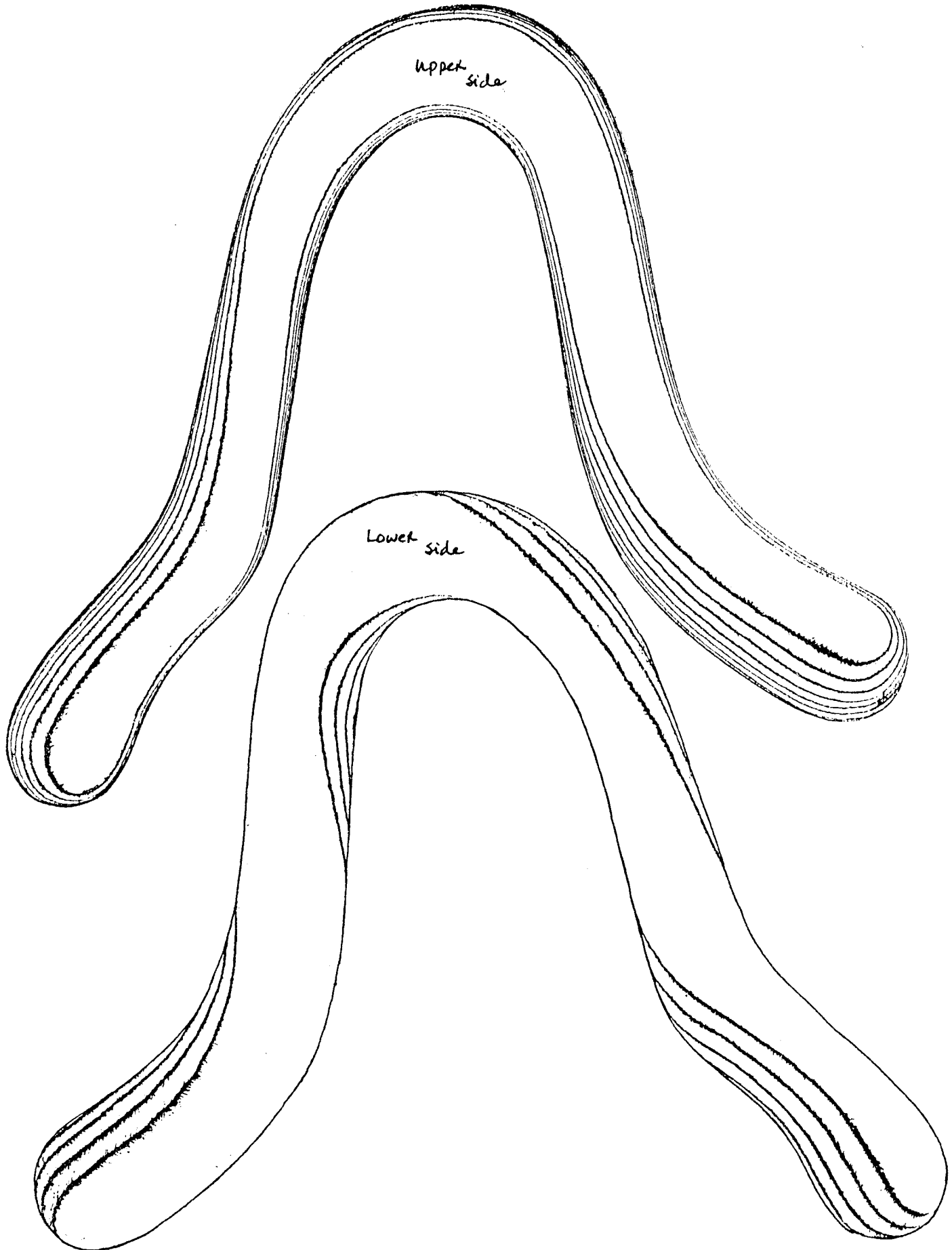
- \* UFO SAM (The Silver Spining Kite as manufactured by Ford Halcyon)
- LMI FOX Boomerangs
- \* DELTA Bumerang (sorry about the name)  
Polystyrene Plane
- Blue Star rangs  
World competition standard Boomerangs  
hand-crafted by Volker Behrens
- \* Promo Video available

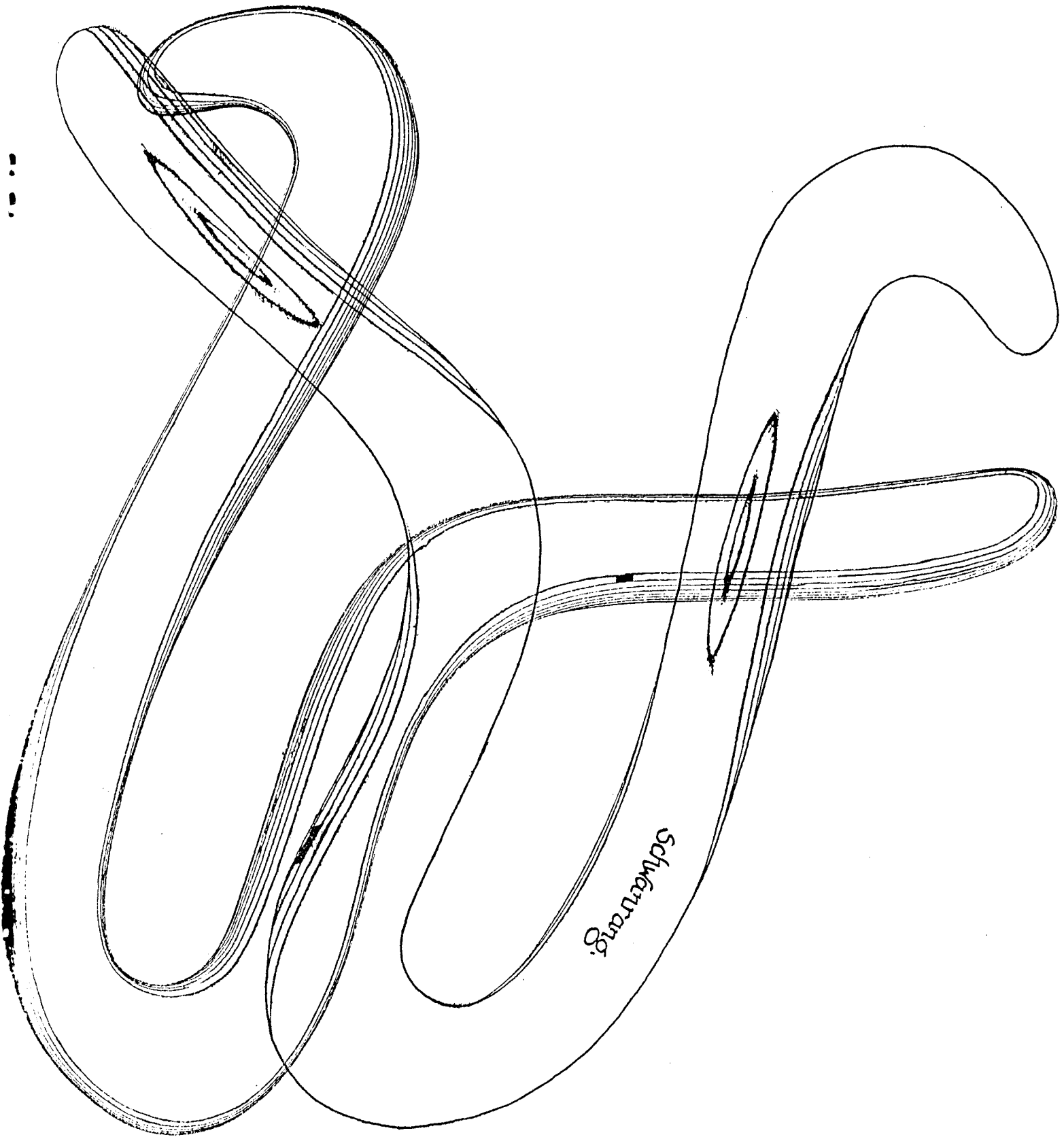
**Also available**

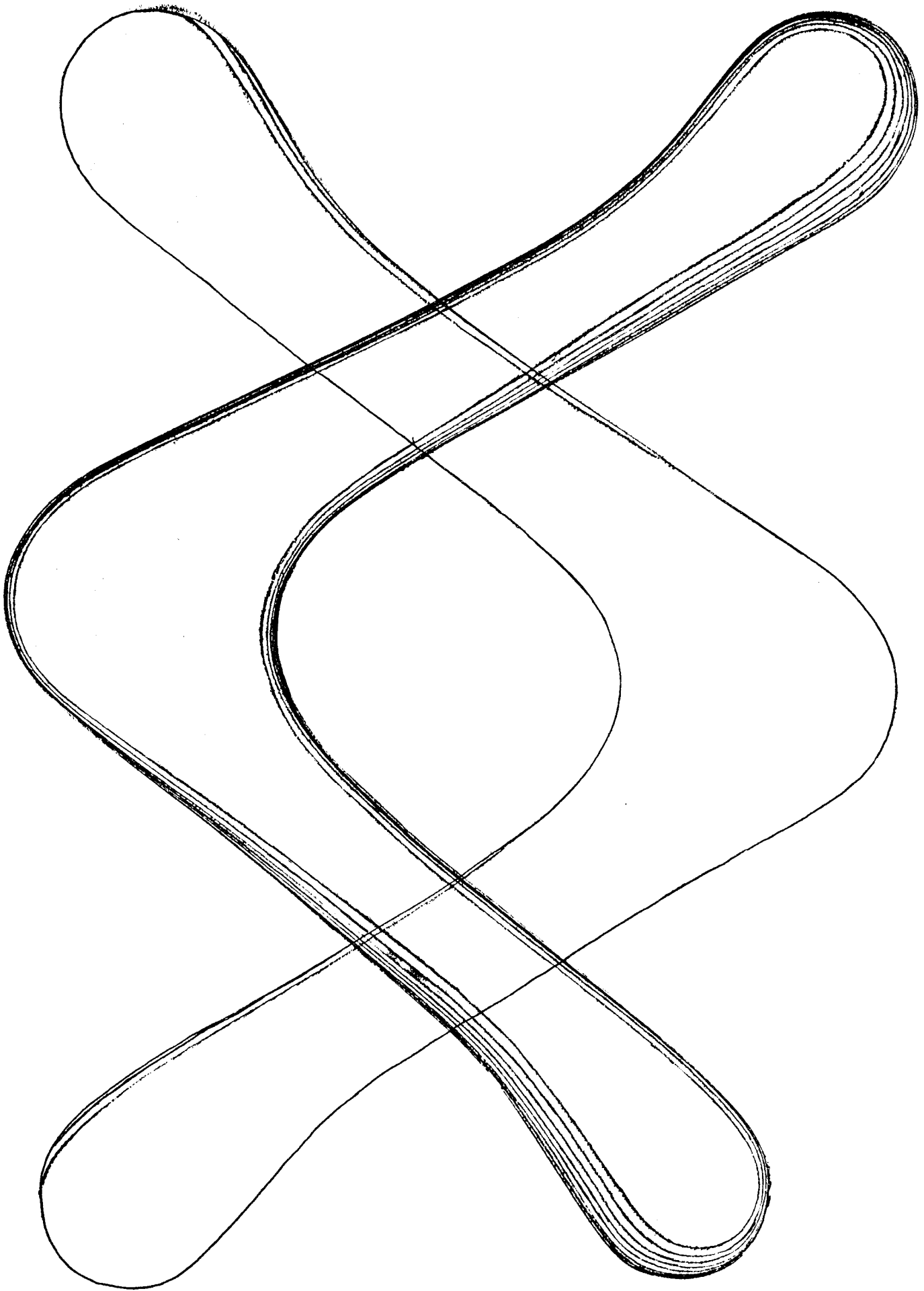
The British edition of "The Boomerang Book."

For further details, please send s.a.e. to:  
Flightline, Watton, Norfolk IP25 6EL  
Telephone (0953) 883900

★







## EVENTS

A long distance event is to be held at LANNION in Brittany, in North-West France on June 20th-21st 1992. Jean-Luc Heroux is organizing the competition and it will be held on an airfield so providing bags of space. Jean-Luc runs a Youth Hostel and has generously offered to accomodate throwers free of charge. Both Michel Dufayard (110.10m) and Renaud Breton (115.80m) will be there. Anyone interested should contact Jean-Luc as early as possible at: Club L'Albatross, Auberge de Jeunesse "les Korrigans", 22300 Lannion, FRANCE. Tel. 96-37-91-28.

SHREWSBURY: "THE BRITISH BOOMERANG COMPETITION" is to be held at Sundorne Playing Fields, Harlescott, Shrewsbury, SALOP. on the 4th & 5th of July 1992. Competitors are required to register from 0930h, the first competition starting at 1030h PROMPT !! Arthur Newton is organizing this and can be contacted on 0953-883-900. Events will include: Long Distance, Endurance, MTA, Accuracy, Trick Catch, Fast Catch and Aussie round. Entry fees are £1.00 per event/£3.00 per day or £5.00 for the weekend/senior citizens, full time students and anyone on State Benefit can claim free entry. Protective gear is recommended for those events presenting any risk of injury - the organizers won't be held liable for any missing/malfunctional bits at the end of the weekend. The rules applied will be the British interpretation of the WBA rules and a full copy can be obtained from Arthur & Mary Newton at Flightline, Watton, NORFOLK IP25 6EL. Camping is available at a paltry £2.00 per night (the site is open from midday Friday to midday Monday). Breakfasts (0700h-0900h) available @ £3.00 ea. but MUST be prebooked via Tony Slater on 0743-235-068, or write to him at 128 Meadow Farm Drive, Harlescott, Shrewsbury, SALOP SY1 4JY. Anyone needing further info. about such matters as B&B, maps, details &c. can contact Tony at the above number. Traders are welcome at the very reasonable rate of £5.00 per day or £10.00 for the weekend. There seems to be a suggestion that on Saturday evening Flightline will be serving drinks that may well make boomerangs spin without the necessity of physical exertion. Activities have been proposed to follow this exercise which should aid the uncobbling of the brain but could replace it with much cobbling of the limbs.....the expression comatose has no bearing on the grooming of the digits at the distant end of the feet.

THE ALGEMENE BOEMERANG ORGANISATION OF HOLLAND will be holding their WHITSUN TOURNAMENT OF 1992 on the 6th, 7th & 8th of June at Amstelveen (4km South of Amsterdam). The fee for the tournament, Saturday meal and Sunday barbeque is Fl 65,- (about £21, if I understand the exchange rates in the paper properly, which quote the Guilder exchanging at about 3.20 to the £ - I'm not sure what a Fl is.). As far as sleeping arrangements go, there is a Scout house but provide your own sleeping bag and mattress. This additionally has an equipped kitchen and a fridge. Cost is Fl 6,- a day. If camping is preferred, sort this out yourself. Call (Holland) 020 641 6868 for help in this direction. If anyone is interested in this event Sean Slade has the program of events, entry forms and maps of the locality which will be sent on to you on request. Early registration and payment (in Guilders if possible) to the tournament organizers would be much appreciated.

THE SHEFFIELD FESTIVAL: We have an opportunity to give a display at this festival on Saturday 19th July. Part of the festival is given over to an "air display" which is where we could come in. The organizers have already shown their willingness to accomodate us by changing the date from that of the Shrewsbury weekend. Space has been made available for traders and accomodation has also been offered. The more members that can become involved the better and the more fun. If interested please contact either Mr A. Chester at 2 Rushley Road, Dore, SHEFFIELD S17 3EJ. (Sheffield 360 215), or Sean Slade at 1 Berkeley Avenue, Mapperley Park, NOTTINGHAM NG3 5BU. (0602 604 992).

KITE EVENTS: Courtesy of IC kites (0604 843 374) comes the news of Great Yarmouth Beach Festival on 14th June, Hollowell Steam rally, Northants on the 4th & 5th of July, The Hot Air Balloon festival on Northampton Racecourse on the 14th-16th of August and the Autumn Kite festival at Old Warden Aerodrome, Biggleswade, Northants.

Something about which I have little information is the INTERNATIONAL GAMES OF PREHISTORIC WEAPONS, (8th to the 10th of June), near Barcelona. I gleaned this information from the Dutch magazine, Boemerang sport. If anyone is interested, I can provide a contact.

## THE ORIGINS OF THE BBS - by John Jordan

When Sean recently took over running the BBS from me he mentioned that, since the club has now been in existence for over 12 years, quite a few new members might not be aware of how it all started. Could I write something please?

Well, to begin at the beginning. I personally first became interested in boomerangs via kite flying. Although I'd bought Michael Hanson's delightful little boomerang book in 1974, it wasn't until I attended a kite festival at Longleat that I decided to combine the hobbies of boomerang and kite making. All that was in 1976 I think. As some will recall, the *Penguin Book of Kites* was first published in that year and Peter Powell kites were just beginning to be sold everywhere. The kite meetings at Old Warden Aerodrome, Bedfordshire, were also starting. Truly heady days for kite fliers!

Although I continued to make and fly kites, I started to become equally obsessive about boomerangs. I tried to discover more about them, but found it difficult. Little seemed to be written and nothing was available in the shops - as far as I could find. At that time I subscribed to the American magazine *Kite Lines* and in that I saw someone called Ben Ruhe was advertising boomerangs. I immediately wrote to him for information and he kindly replied saying that in England there was already a very knowledgeable thrower. Guess who? None other than Herb Smith!

Now I can't remember exactly when I first wrote to Herb, but by 1979 I was really getting keen and towards the end of the year I thought we ought to have some sort of boomerang club in Britain. However, I wasn't sure if the Society for the Promotion and Avoidance of Boomerangs was still in existence. So I wrote to the founder, Dr Brenning James, who told me it wasn't dead but in hibernation. (Presumably it still is). Anyway, I wasn't too keen on the 'Avoidance' part. How can you catch a boomerang if you avoid it? However, before we smile too much we must remember that boomerangs were generally very much larger then and could really break bones. In fact, Dr James tried a sort of wire cage in which he could take cover after throwing his heavy fibreglass boomerangs. Avoidance was definitely most prudent.

Wherewere we with the new boomerang club? Well,

first of all, what should it be called? For obvious reasons, it just couldn't be called the British Boomerang Club. So I decided 'Society' would have to be used instead of 'Club'. I hadn't the confidence (or experience) to produce a newsletter, so over the Christmas holiday 1979 I contacted Bill and Rena Souten who'd founded the Midland Kite Fliers. They agreed to help with the production of the BBS newsletter if I provided the material. I would like it to be known that we owe a very great deal to Bill and Rena. I assure you that without their help the BBS would never have been started. Certainly not by me. For at least a year they helped me produce the first BBS newsletters and these were distributed to MKF members as well. Bill Souten also designed the BBS logo.

In 1979/80 quite a lot was happening in the boomerang world. Dutch, German and French clubs had all been started and the BBS got going as well. Quite by chance I bumped into John Wray in the Kite Store in London. One result of that meeting was that I attended one of the very popular boomerang workshops held at the Horniman Museum, Forest Hill. Perhaps I ought to mention that John had been interested in Bs for some time and several workshops had already been held at the museum - they are not 'BBS' workshops.

However, I feel it important to say here that 'The Horniman' has played a large part in the history of the BBS. And it still does. I think Dr Elizabeth Goodhew must have pulled a few strings somewhere as the museum has become a sort of unofficial meeting place for the BBS. As most members will know, each year boomerang workshops are still held there in April and October and several BBS members first heard of the BBS via these Saturday workshops. The day after the workshops, competitions were held in either Dulwich or Belair Park. Some of the competitions were very popular, but recently a decision was made to discontinue the competitions as so few throwers attended. The weather, too, was frequently unsuitable. And with weather in mind, many thanks must go to Elizabeth who always kept the scores. How she survived the often bitterly cold conditions I'll never know.

Though it's not very interesting to relate, about all I can say is the BBS pottered along in the following years. I sometimes used to bemoan the fact that the membership was low with, I think, a maximum of about 120. Strangely, it didn't seem to matter if boomerangs were shown on TV, or articles appeared in the papers etc. the total number of members never significantly increased. In 1987 Penny and Gordon Shuttleworth ran the club and they also produced the newsletters in 1988. But no matter how we tried none of us could attract more members.

Now some may wonder why I thought a larger membership important. It wasn't just money! Though naturally with more money in the kitty we would have been able to do more for members. No, a major problem with a small club is finding enough interesting and original material for the newsletters. It turned out to be extremely difficult as there were so few members to contribute. That's why we eventually issued to BBS members *Many Happy Returns* and the Ted Bailey's *Boomerang Journal*. Both of these newsletters originate in the USA and I'm very grateful indeed for the cooperation given to us by the folk over there. You could even say they kept the club going.

Also relevant to our history is that throughout the life of the BBS we've always been on good terms with the various kite clubs and on many occasions BBS members have given demonstrations at kite festivals. Sometimes, for example at Dunbar, York and Southampton, we were able to hold 'proper' boomerang tournaments as well. The *Shrewsbury International* remains another excellent example of this.

That brings us to the present time (1991/2). I'd been running the club for most of its 12-year history and I genuinely felt that a new, keen (younger!) organiser was needed to run the club and hopefully start a revival. There are signs too that the fortunes of the club may well be about to improve. So when Sean Slade agreed to take over from me I was delighted. While we must all support Sean, I'm hopeful that through his association with schools a new group of keen youngsters will eventually be able to play an active part and keep the BBS well on the map.

.....  
it seems hardly necessary for me to say but on behalf of all the members past, present and future, I'd like to thank John for his efforts in setting up and maintaining this organization. He's obviously put a huge amount of time and effort into the Society and had he not, it may well have been the case that the UK could still be fringing and not have made a centrally based effort as most other civilized (by definition) countries have done. There must have been times when it hardly seemed worthwhile, yet he stuck to it. Likewise there will have been enormous rewards, I hope that without the encumbrance of the BBS he can now devote more of his time to boomeranging and making the most of the friendships that he has developed through his time in charge.

### THE WAY AHEAD?

John Jordan and others have suggested that it would be to our advantage if we could increase our numbers. I agree.

The rather difficult question that this puts before us, is just how to achieve this. I consider the main problem to be exposure. If people don't know about the sport, we can never recruit them. If people do know about the sport, they have difficulty in finding further information and part of this problem includes locating its` society.

Most sports tend to be social in nature, yet due to our limited numbers we cannot offer this aspect to potential members. Why should expansion be of benefit? In the first place it would make my job easier by generating both the need for and the source of more material but away from my purely selfish needs, it would provide a greater amount of more appropriately targeted material for members. Secondly, it would facilitate the establishment of local boomerang groups. Thirdly, it would increase the skill levels and competitiveness of individuals. Fourthly, it would decrease the cost of and at the same time increase the value of membership.

So, what is the way forward? I believe that inclusion in the Thomson Local is a good first move in that it gives both individuals and Public Libraries a source to access.

I think our next move, which may be some way ahead yet but for all that should still be carefully thought of, is official recognition. I have received a set of criteria applied by the Sports Council which they use to assess the worthiness of any new sport applying for registration. In return for registration the Sports Council is in the position to promote and possibly provide financial assistance to the sport.

Recognition by the Sports Council is a two stage process: i) the recognition of the ACTIVITY & ii) the recognition of an organization as the governing body for that activity. Having studied the forms provided by the Sports Council, I do not think that boomeranging as an activity will have any significant problems in becoming adopted. All I can really see as a blip is the request that a coaching/ education scheme be in place/available. Beyond this is the recognition of a Governing Body, who are responsible for the rulebook, its application, membership, finance and so on. In order to achieve this it seems that a committee needs to be in place with elected officers.

At the moment I do not think we have enough

members to support this kind of thing but if as and when numbers increase sufficiently, I think it important that we move fast and have considered what is needed in advance. If anyone is interested in the material I have from the Sports Council please get in touch for a copy. Any contributions or advice will be most welcome as would anyone with a contact on their local Sports Council who might be in a position to offer some friendly advice.

## NOTICEBOARD

Several people have been in touch with enquiries about aviation - ply. It really is astoundingly expensive stuff, making the purchase of a single sheet (50" x 50") impossible for all but the very affluent. Specific thicknesses mentioned have been 4mm and 5mm. If enough people are interested, it would be worth splitting a sheet of the stuff. As a rough guide, I would expect to cut about 50 boomerangs from a sheet of this size, although if the patterns were non-standard, novelty type efforts, the probable number of boomerangs could be quite significantly reduced.

Does anyone know where I can buy 1 or 2 mm sheets of paxolin?  
I fancy 2 go at some very small boomerangs - Seán.

If anyone has either designs for or owns a bi/triplane design and would be willing to share it, I would be very grateful to receive such plans.

Send me a design & £1.50, and for this I will cut you out 3mm paxolin blanks and post them to you - Seán.

I propose to accumulate a file of designs that members may wish to access for personal use. In order for this to take on some sort of meaningful shape and size it would be necessary for most of the membership to contribute design(s) of their own. As and when members do contribute, it would be helpful if the following details could be supplied: 1. Scale 2. Span 3. Material 4. Mass 5. Thickness 6. Range 7. (poss.) Event(s). A ruled line of specified length is also very useful. The easiest way to give plans is a direct photocopy of both top and undersides. The inclusion of any snags/tricks to be watched for/used during construction could also be included to save time and lessen frustration. I think this would be an awfully useful facility especially for new members. Courtesy of the German magazines (primarily) and the Swedish, I have about 25 designs at present.

IDEAS needed  
for future articles:  
At present there's something  
doing on Prehistoric flying  
things ..... !!

## ODDS & SODS:

(Ed.'s bit).

In an effort to start a boomerang and kite club which will satisfy the needs of the children I teach, I prodded out a begging letter to a number of firms who I thought had much too much money. I now have a large sheaf of return letters which attempt to convince me that I was crazy to even begin to think I might get funding - long on sympathy, sincerity and time spent to reply but equally short in the quids department. That said, there have been one or two rays of sunshine and between the Midland Bank, the Nottingham Building Society and British Gas (possibly British Telecom, though I'm a little uncertain of their intentions at present) I'm around the £200 mark but I am still optimistic of raising another £400 or so. At least I have a good start behind me. If anyone else is thinking of trying a similar thing, I would strongly recommend trying the local firms first. Most fair sized businesses seem to have funds allocated on a local basis for this sort of effort.

'The People's Show', 23rd May-5th July at the Castle Museum, Nottingham. This is an exhibition of the slightly offbeat collections of local people. A number of my own boomerangs will be on display, with a brief write up. It will be interesting to see if this stimulates any interest.....

I have contacted Thomson Directories for an entry and am waiting to see if this is to be local or National - they're being a little bit coy over this. It seems that we can't get a 'free' entry in Yellow Pages unless we pay for a Business line!

For anyone thinking of weighting their boomerangs, the obvious material for weights are coins. The masses of the smaller coins are as follows: 1p - 3.6g, 2p - 7.2g, 5p - 3.3g, 10p - 11.2g, 20p - 5.0g & £1 - 9.4g. Just for information in John Mauros' book, he reckons that over 20% of boomerang mass should not be exceeded by extra weights, in order to maintain some sort of respectable flight characteristic. (n.b. 1oz = 25.4g). I'd recommend against lead on both environmental and health grounds - it's unpleasant stuff. If you do have any weighted boomerangs incorporating lead, do ensure that the lead is well overpainted to minimize any direct contact between you and it. Our membership numbers could be severely affected were we to gain a reputation for lack of marbles due to a simple oversight in this direction.

Apologies to all members for the time it has taken me to cobble together this newsthingie. I am not

yet fully conversant with the computer and 'dont intend to become so. Sorry to all members that you have not had so much as an acknowledgement that I have stuffed your money into the building society. I will try to rectify this next year. On this point, the man at the building society became very confused at the absence of co-signatories to the account. When I pointed out the probable lack of interest even if I did do a bunk with your £10's he didn't have the spirit to argue. We do now have an account.....

Has anyone had adverse reactions between cellulose car sprays and Yacht varnish? I have had some ghastly bubbling and crazy paving effects and so have resorted to acrylic sprays (from Halfords), which seem to be less reactive than other media though not totally immune. If anyone does have advice/information on decorating, do please let me know so that we can circulate this. The Americans are in great shape on this (see Jim Mayfields work from Colorado or Chet Snoufflers paint jobs - brill.). Hoping that we won't have to describe any work as "radical", I'm convinced that there are a lot of techniques we could be using, many of which may be material specific.

For those of you wishing to contact overseas clubs I will happily provide details. Many of these are well established and some seem to have less permanence, whatever, it would be a huge help to me if anyone could translate Bulgarian, Swedish (though I can get this done), Italian, German (again I can get this done at a pinch) and Dutch.

I would like to print off a full list of the membership, complete with addresses and telephone numbers and circulate it to the membership. If anyone would prefer to have all or some of their details held back from this list, please let me know.

space reserved for:

## DAVRO BOOMERANGS

28 London Road Deal, KENT CT14 9TE.

Tel. 0304 375 328

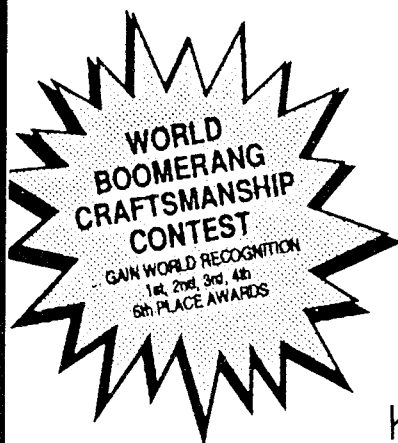
These people sell a fine range of boomerangs and would have had an advertisement here if I hadn't misplaced it. Don't miss it next time.

# WORLD BOOMERANG '93

## Championships

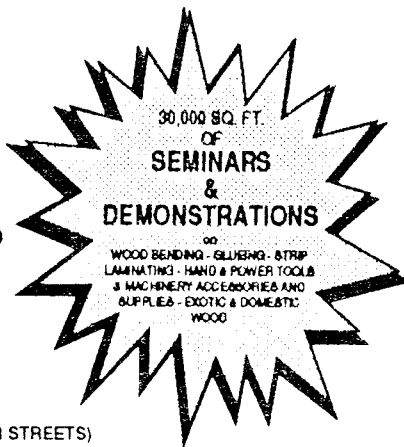
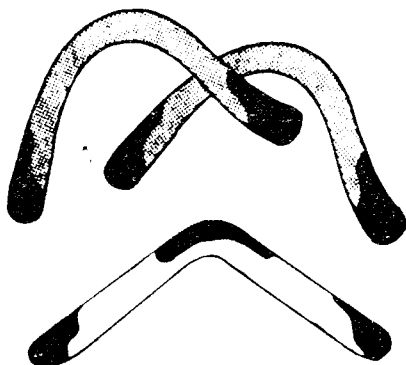
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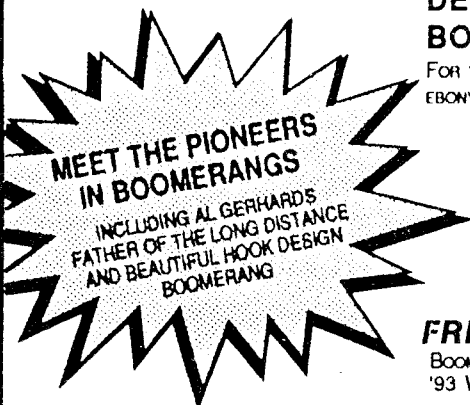
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