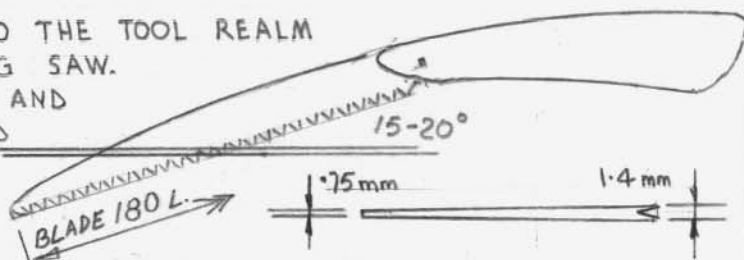


TOOLS AND TECHNIQUES FOR BUILDING A SEWN DINGHY

REMARKABLY FEW TOOLS ARE NEEDED. THE FOLLOWING LIST INCLUDES THE ESSENTIAL ONES

1. A 3m METRIC TAPE. THE COMMON RETRACTABLE WITH A LOCKING DEVICE IS CONVENIENT
2. A STRAIGHT-EDGE. THE ORDINARY 1m. ALUMINIUM JOB IS IDEAL BUT AT A PINCH A WOODEN BATTEN WILL DO
3. A WOODEN SPLINE IE. A BENDY WOODEN BATTEN 1.5m LONG x 6mm SQUARE USING THIS TOGETHER WITH THIN PANEL PINS WILL ENSURE FAIR LINES WHEN MARKING OUT THE PANELS.
4. A SAW. A RECENT ADDITION TO THE TOOL REALM IS THE DOUBLE TOOTHED PRUNING SAW. THIS WORKS ON THE PULL STROKE AND ONCE THE TECHNIQUE IS MASTERED CUTS BEAUTIFULLY, EVEN THE TIGHTISH CURVES. A JIG-SAW DOESNT DO SUCH A GOOD JOB AS IT CAN WANDER VERY EASILY.
5. A DRILL, EITHER A HAND EGG-BEATER TYPE OR A BATTERY DRILL TOGETHER WITH 3mm AND 6mm TWIST DRILLS.
6. LACE THREADING TOOL - SEE DWG. HT 2. ALSO 3 ST. STEEL MEAT SKEWERS.
7. COARSE AND MEDIUM SAND-PAPER. THIS NEEDED TO ROUND OFF EDGES OF PLY ETC.
8. A STANLEY KNIFE OR SIMILAR - PENCILS - BALL-POINT - HAMMER:



THE FORGOING ARE THE BARE MINIMUM BUT OF COURSE A FULLY EQUIPPED WORKSHOP MAY SPEED THINGS UP THOUGH NOT BY MUCH.

TOOLS SUCH AS CLAMPS ARE HANDY, BUT A FEW 3mm BOLTS PLUS WASHERS CAN DO THE SAME JOB. THE RESULTANT HOLES ARE EASILY AND QUICKLY FILLED USING BAMBOO SKEWERS TOGETHER WITH EPOXY GLUE. WITH SEWN CONSTRUCTION THERE ARE A LOT OF HOLES AND THE ACT OF DRILLING YET ANOTHER HOLE WILL SOON BECOME SECOND NATURE.

THE SYSTEM OF SEWING PARTS TOGETHER SOON REVEALS ITSELF AS BEING A PARTICULARLY EASY AND STRONG WAY OF CONSTRUCTING. IT ALSO CONFERS ON THE FINISHED ARTICLE EXTREME LONGEVITY AND TOUGHNESS.

EVEN ITEMS SUCH AS INSPECTION PORTS CAN BE SEWN IN PLACE. THERE IS NO NEED FOR A BACKING (AS IS REQUIRED FOR FASTENING WITH SCREWS OR BOLTS) AND THE JOB IS SIMPLIFIED. WHEN ATTACHING CLEATS AND FITTINGS USING THIS SYSTEM, SLIGHTLY LARGER HOLES WILL ALLOW FOR SECOND AND THIRD PASSES OF THE LACING. THE MAIN THING WHEN CARRYING OUT THIS SORT OF WORK IS TO TENSION EACH PASS SO THAT THE FASTENING IS PRE-TENSIONED RESULTING IN A VERY SECURE JOB. THE USE OF A LACE THREADING TOOL (DWG HT 10) MAKES THE FORGOING SPEEDY AND SATISFYING. AND OF COURSE SEWING IS A LOT CHEAPER THAN USING SCREWS, BOLTS ETC.