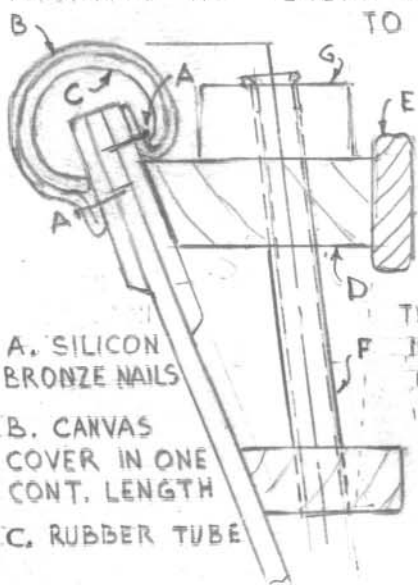


ROWLOCK AND FENDER ARRANGEMENTS ON SEWN DINGHIES

ANY DINGHY THAT IS USED AS A TENDER TO A LARGER CRAFT REQUIRES A NICE SOFT FENDER. THIS WILL PREVENT DAMAGE TO THE TOPSIDES AND AT TIMES, WILL MAKE FOR PEACE AND QUIET WHEN THE DINGHY NUDGES ALONG-SIDE DURING THE NIGHT. DUE TO THE SHAPE OF THE FLAREBOW DINGHY THE USUAL PLASTIC FENDER PRODUCED FOR DINGHIES IS NOT SUITABLE. THIS IS CAUSED BY THE GUNWALE SECTION TENDING TO BECOME HORIZONTAL AS THE BOW IS REACHED. TO COPE WITH THIS A SYSTEM USING A SPLIT RUBBER TUBE WAS DEVISED. TO ATTACH THIS A STRIP OF CANVAS IS USED, THE RESULT BEING AN EFFECTIVE AND HANDSOME FENDER. WHEN THE DINGHY IS USED AS A TENDER THE WHOLE OPERATION OF COMING ALONGSIDE IN CHOPPY CONDITIONS IS EASED. THERE IS A FURTHER ADVANTAGE IN THE FENDER FACING UP AS WELL AS OUT IF THE MOTHER-SHIP HAS OVERHANGS. IF THE DINGHY IS INVERTED ON TOP OF A CAR OR CABIN-TOP, THE FENDER COMES INTO ITS OWN.

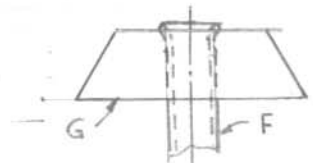
MOUNTING THE FENDER REQUIRES THE TOP EDGE TO BE 14mm THICK IN ORDER TO



- A. SILICON BRONZE NAILS
- B. CANVAS COVER IN ONE CONT. LENGTH
- C. RUBBER TUBE

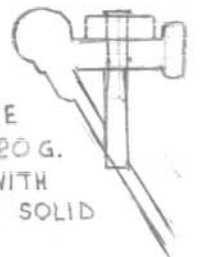
TO TAKE THE NAILS USED TO FASTEN THE CANVAS AND THE UPSTAND NEEDS TO BE 18-20mm. RETIRED FIRE-HOSE IS A GOOD SOURCE OF HEAVY SYNTHETIC CANVAS IN LONG LENGTHS. FIRST STEP IS TO FASTEN THE CANVAS ONTO THE INSIDE FACE OF THE UPSTAND. THE SPLIT HOSE IS THEN SLIPPED INTO PLACE AND THE CANVAS IS PULLED OVER AND FASTENED WITH SILICON BRONZE NAILS AT 50-60 CENTRES. IF LIGHT CANVAS IS USED THE EDGE CAN BE FOLDED UNDER. WITH HEAVY FIREHOSE THE EDGE IS BEST SEALED WITH EPOXY RESIN AND NOT FOLDED. INSTEAD OF SOFT RUBBER HOSE, CLOSED CELL PLASTIC TUBE AS USED FOR INSULATING PIPES MAKES A BEAUTIFUL SOFT FENDER.

- D. INTERMITTENT BLOCKING
- E. CONTINUOUS SPRUNG INWALE
- F. ST. STEEL TUBE 1/2" I.D. x 20 G.
- G. HARWOOD PAD



WHEN USING A DINGHY CORRECT TRIM IS ESSENTIAL AND THE ROWLOCK POSITIONS PLAY A BIG PART IN ACHIEVING THIS. WITH A FORE AND AFT ROWING SEAT HAVING SEVERAL ROWLOCK POSITIONS ENABLE ONE TO GET THE TRIM RIGHT AND THE ROWER COMFORTABLE. AS A ROUGH RULE THE ROWLOCK POSITION NEEDS TO BE 10" (250mm) BACK FROM THE "EDGE" OF THE SEAT. WITH THWARTS (CROSS-SEAT) IT IS NICE TO HAVE TWO ROWLOCK POSITIONS, WITH A SECOND ONE 5" (125) FURTHER BACK. WITH FORE AND AFT SEATING SEVERAL ROWLOCK POSITIONS AT 10" (250mm) CENTRES ALONG THE GUNWALE WILL BE APPRECIATED TIME AND AGAIN.

THE ACTUAL ROWLOCK ARRANGEMENT CAN BE DONE IN SEVERAL WAYS. IF THE DINGHY IS TO BE CAR-TOPPED IT IS NICE TO HAVE THE METAL PORTION A LITTLE BELOW THE FENDER LEVEL. THIS WILL THEN REQUIRE THE ROWLOCK BE FITTED WITH A COLLAR TO PREVENT THE OAR FROM SCUFFING THE FENDER. WHEN THE DINGHY HAS STRONGLY FLARING SIDES IT IS FEASIBLE TO HAVE THE ROWLOCK HOLES VERTICAL AND ACTUALLY EMERGE OUT OF THE SIDE PANEL. ANOTHER WAY WITH MORE VERTICAL SIDES IS TO HAVE A SECOND INWALE A LITTLE DOWN WITH THE STEM OF THE ROWLOCK PASSING THROUGH. THIS INWALE, EXTENDING ALONG THE SIDE IS SHAPED AND BEVELLED TO CONFORM WITH THE CURVATURE OF THE SIDE PANEL. (SEE DETAIL ABOVE) THE ARRANGEMENTS SHOWN USE 1/2" O.D. x 20 G. ST. STEEL TUBE. ONE ALTERNATIVE IS TO FIT SOLID TIMBER BLOCKING WITH A PLAIN HOLE WITH A METAL PLATE AT THE TOP. ANOTHER SYSTEM USES A SOLID PLASTIC BLOCK SCREWED IN PLACE ON THE INWALE BLOCKING.



THE FORGOING ARRANGEMENTS DO NOT INTERRUPT THE SIDE GIRDER CONCEPT WHICH IS ESSENTIAL TO ANY DINGHY WITHOUT A CROSS THWART TO STABILIZE THE SIDES

J. Godwin
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