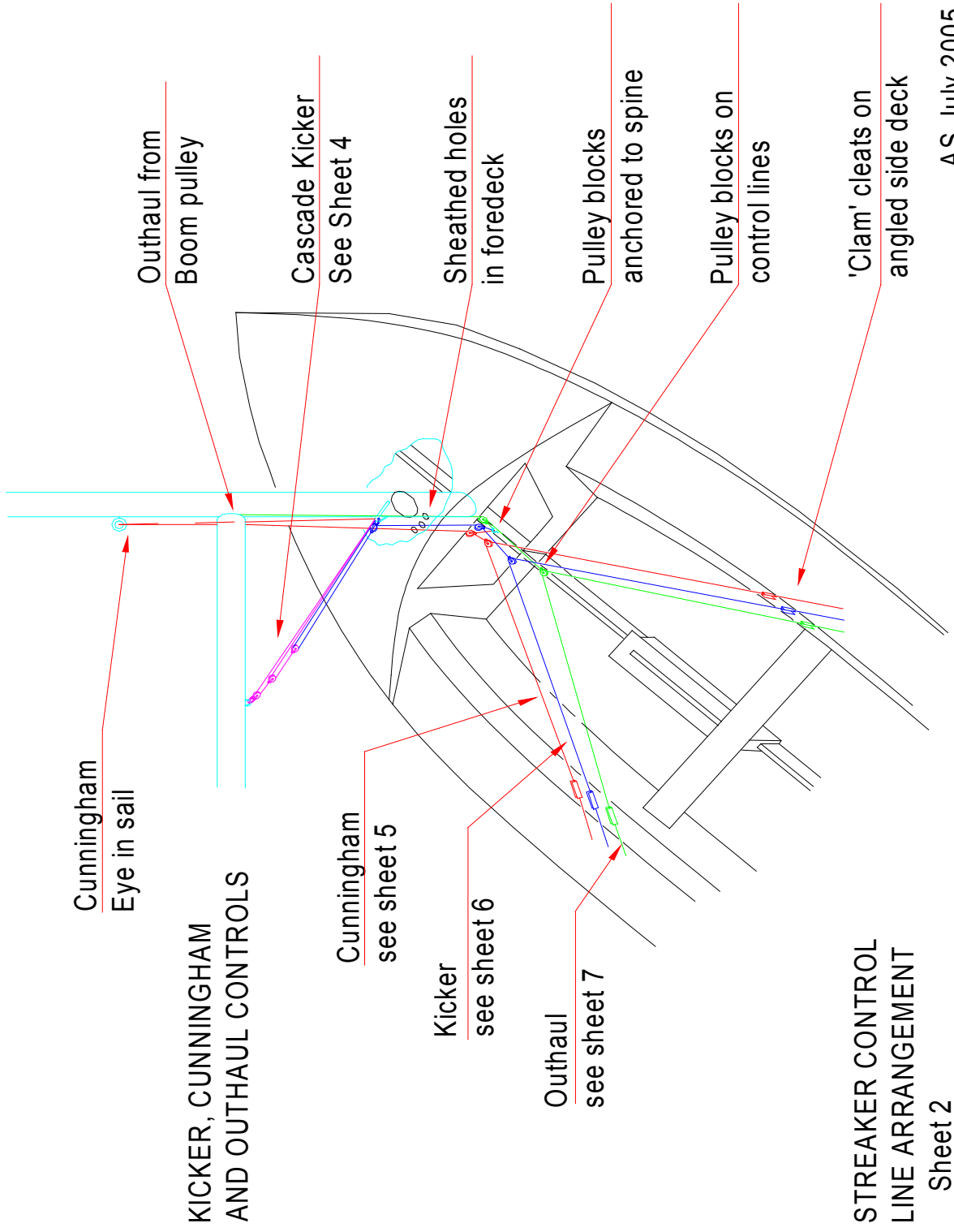


**STREAKER CONTROL
LINE ARRANGEMENT**

Sheet 1

PLAN

AS July 2005



Cunningham
Eye in sail

KICKER, CUNNINGHAM
AND OUTHAUL CONTROLS

Cunningham
see sheet 5

Kicker
see sheet 6

Outhaul
see sheet 7

Outhaul from
Boom pulley

Cascade Kicker
See Sheet 4

Sheathed holes
in foredeck

Pulley blocks
anchored to spine

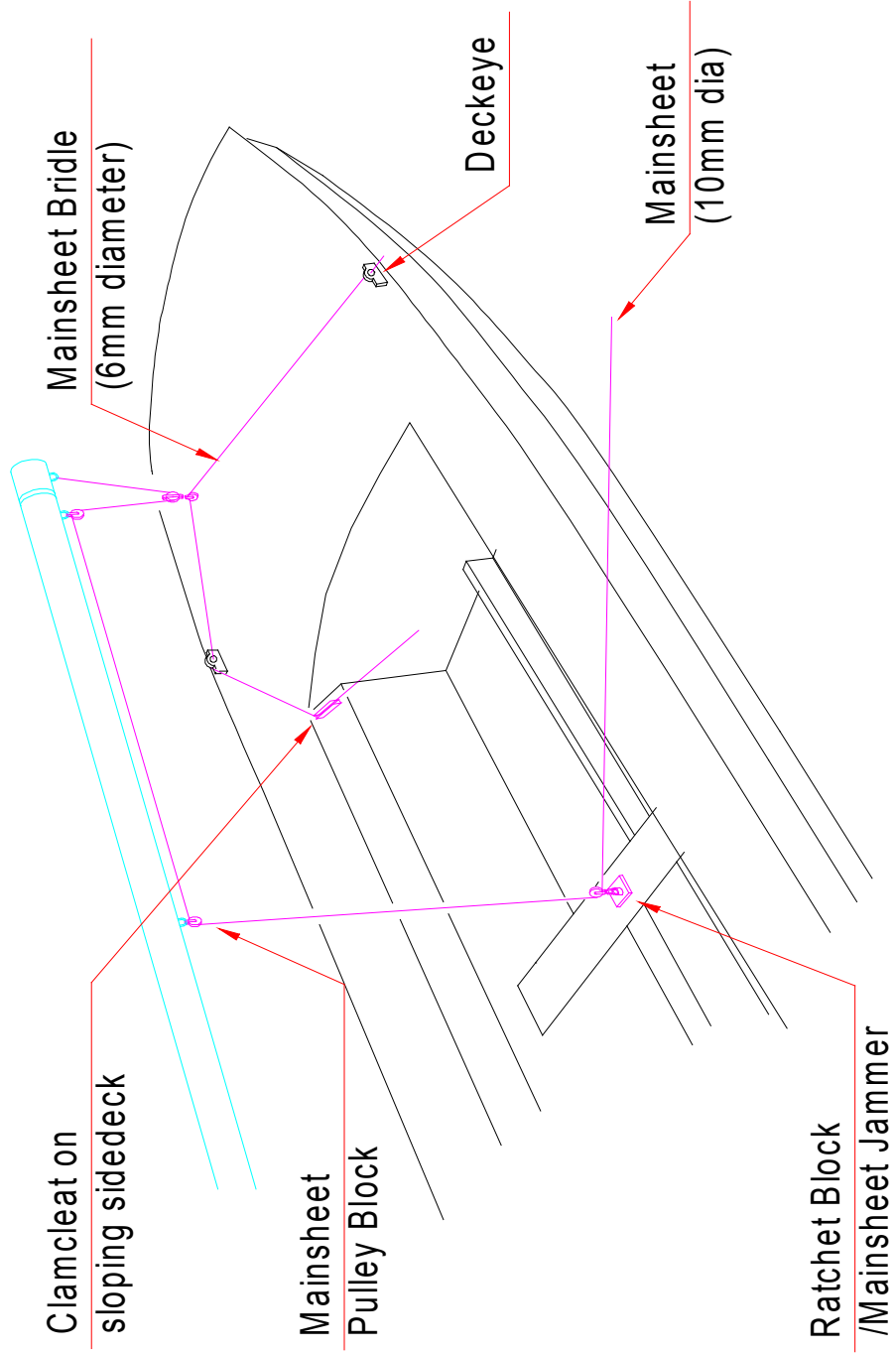
Pulley blocks on
control lines

'Clam' cleats on
angled side deck

STREAKER CONTROL
LINE ARRANGEMENT

Sheet 2

AS July 2005



Clamcleat on
sloping sidedeck

Mainsheet Bridle
(6mm diameter)

Mainsheet
Pulley Block

Deckeye

Mainsheet
(10mm dia)

Ratchet Block
/Mainsheet Jammer

STREAKER CONTROL
LINE ARRANGEMENT
Sheet 3

MAINSHEET/BRIDLE

AS July 2005

connection to
Boom Strap/Eye

Wire Rope
(3mm dia)

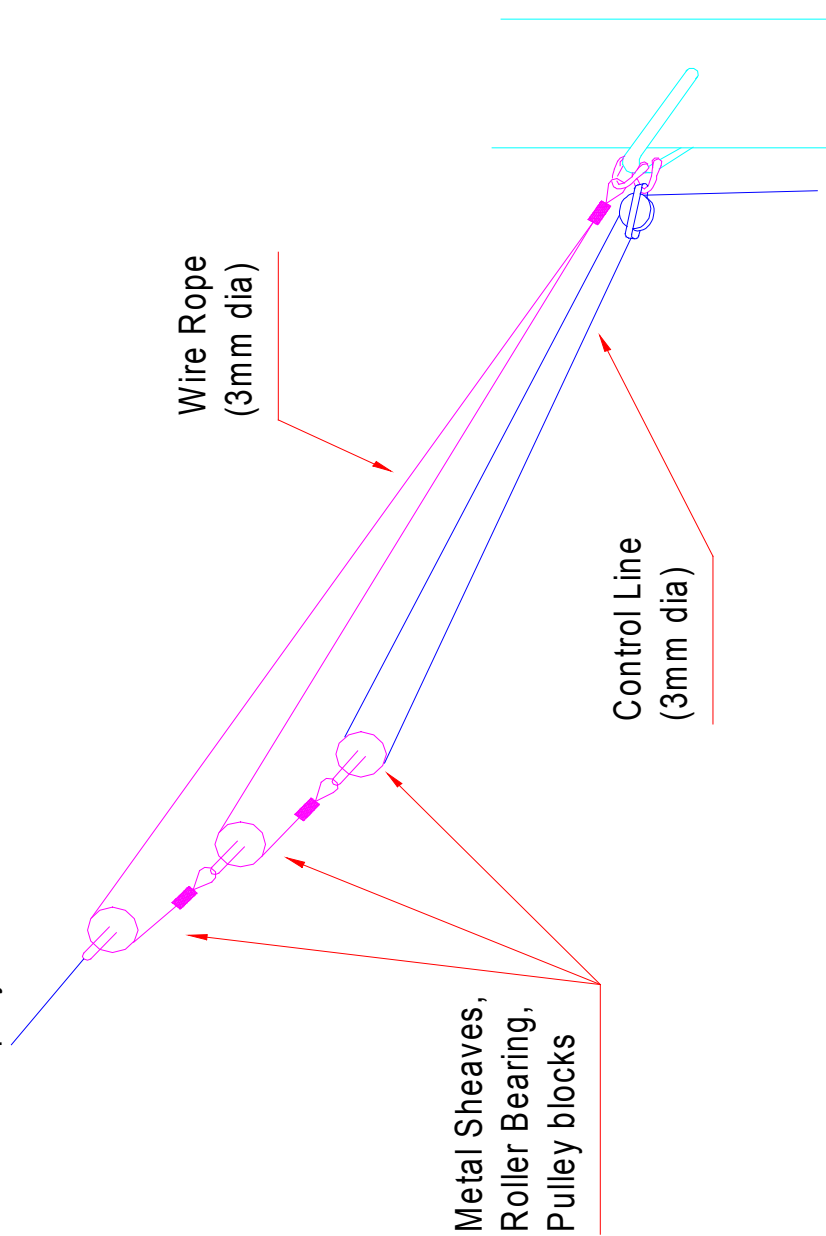
Control Line
(3mm dia)

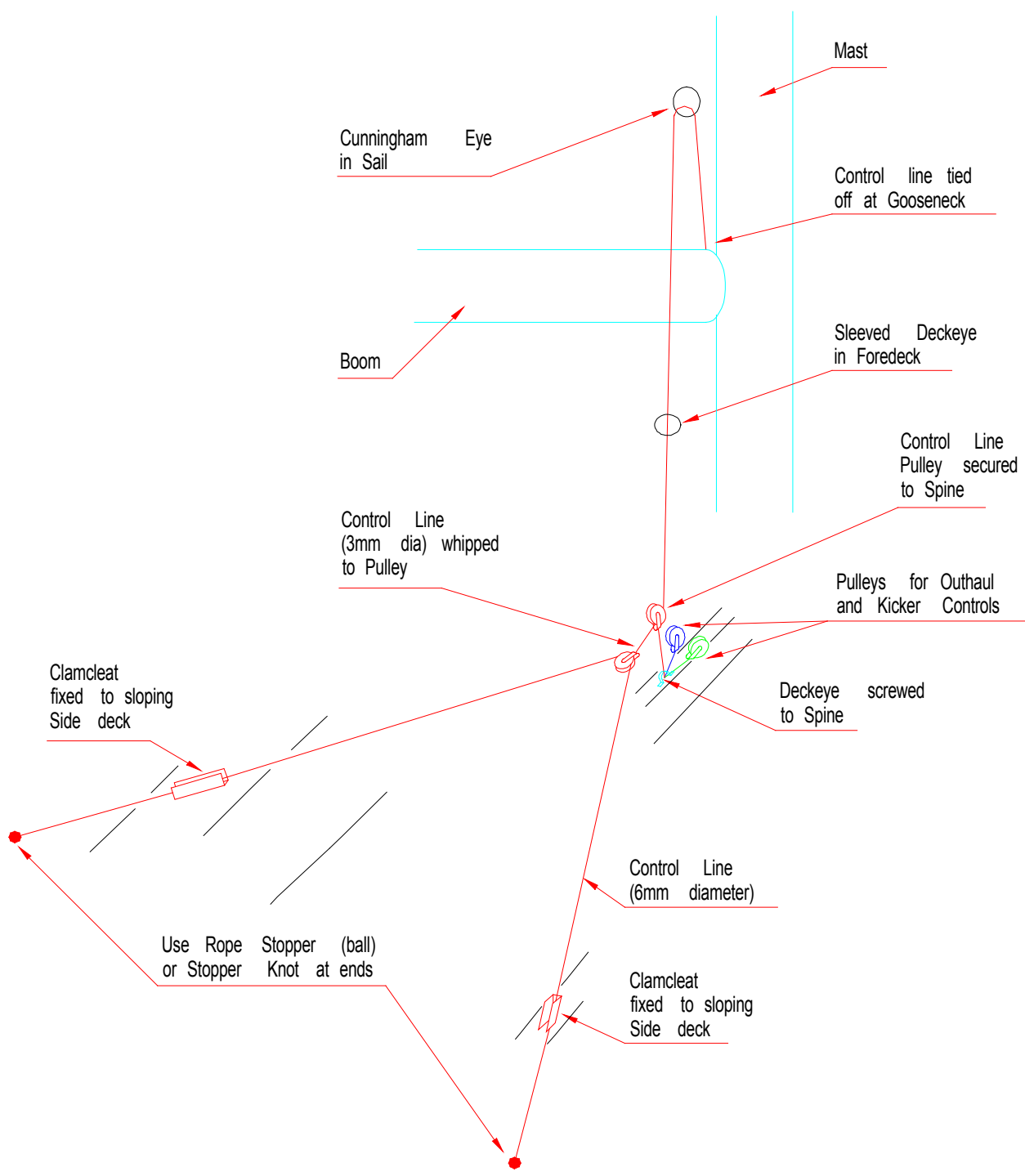
Metal Sheaves,
Roller Bearing,
Pulley blocks

CASCADE KICKER - 8:1

STREAKER CONTROL LINE ARRANGEMENT Sheet 4

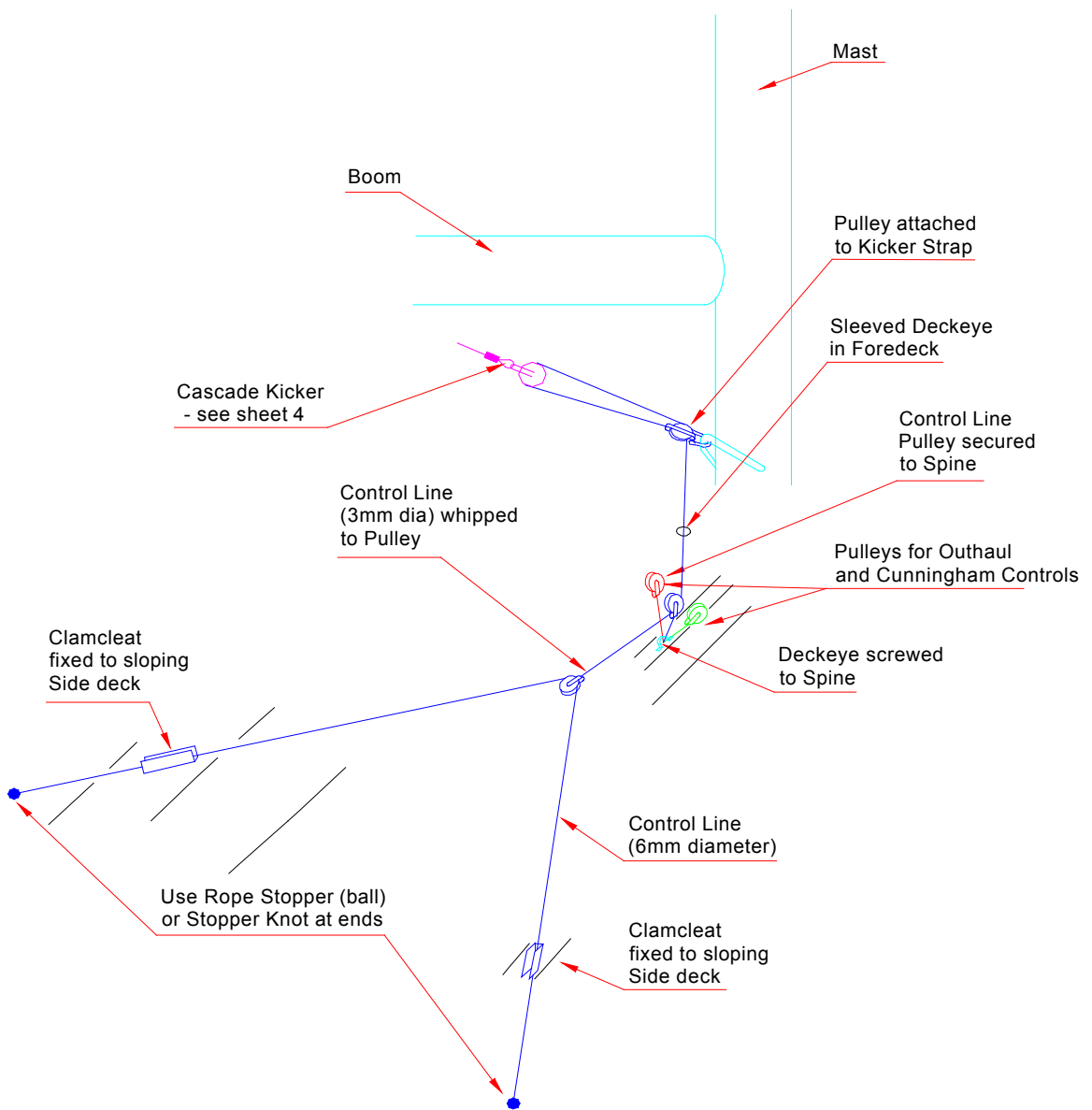
AS July 2005





CUNNINGHAM
CONTROL 4:1

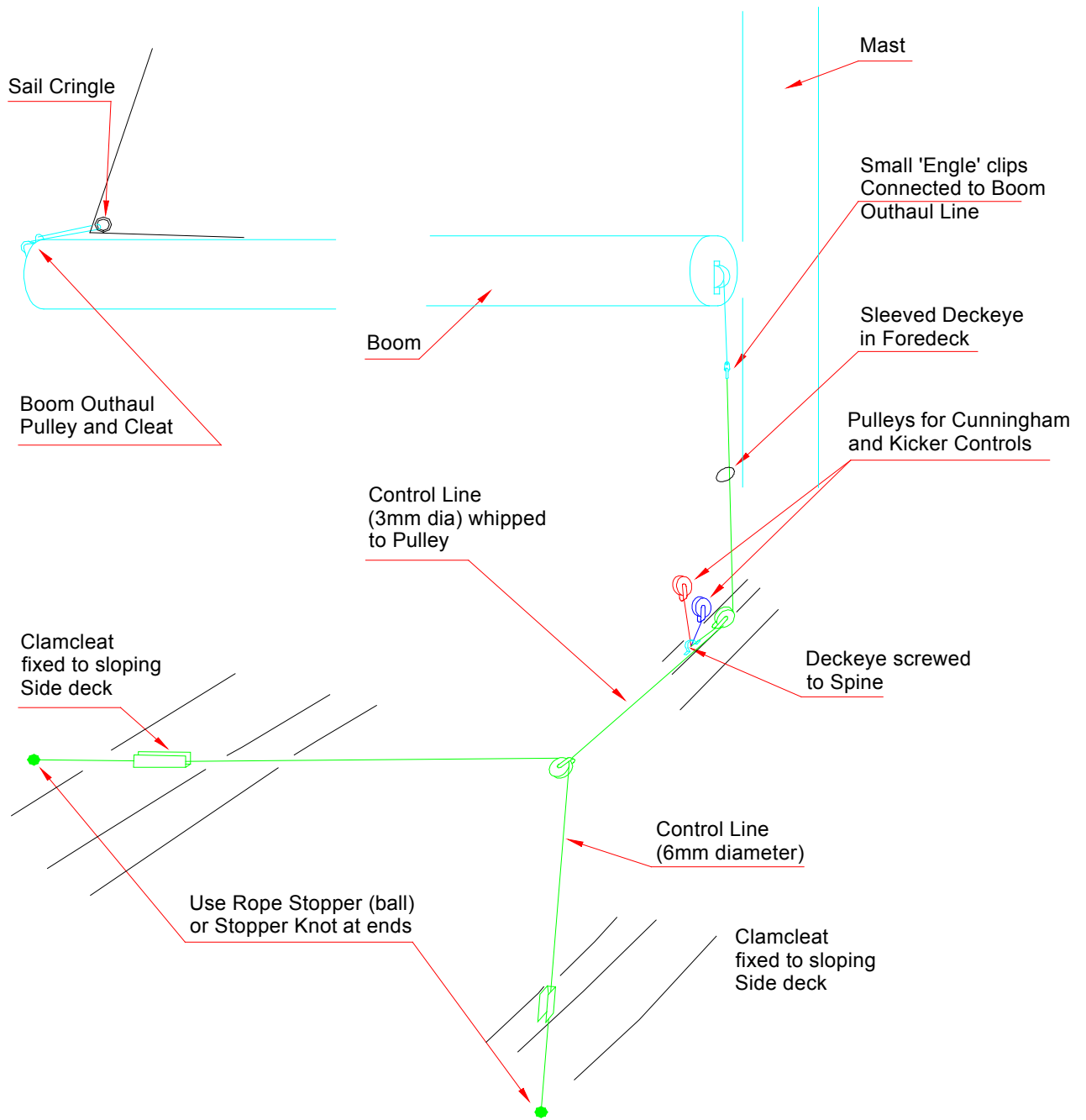
STREAKER CONTROL
LINE ARRANGEMENT
Sheet 5



KICKER CONTROL

STREAKER CONTROL
LINE ARRANGEMENT
Sheet 6

AS July 2005



OUTHAUL CONTROL 4:1

STREEKER CONTROL LINE ARRANGEMENT
Sheet 7

AS July 2005

NOTES ON STREAKER CONTROL ARRANGEMENT

The attached sheets 1 to 7 are for guidance in fitting out a Streaker with the five basic controls - Mainsheet, Mainsheet Bridle, Cunningham, Kicker and Mainsail Outhaul.

I have indicated the use of 'Clamcleats' for the Cunningham, Kicker and Outhaul located on the Sloping side decks – above an under-deck packer. Any type of cleat may be used, this is however the cheapest and simplest type.

I would suggest that a fairlead is either incorporated into the cleat or a separate one is fitted. The above mentioned Packer should be located forward of Bulkhead No 3 which unfortunately is invisible. The location of this bulkhead is 1905 mm approximately, measured along the outside of the skin on the centreline of the hull, from the bottom edge of the transom centreline. The block below the deck should be approximately 150mm long extending forward of Bulkhead No3.

Before placing any cleats, with or without tapered packers check, by tapping the deck and listening for the more solid response or by requesting the information from your builder – particularly if the boat is GRP construction.

Note that on some of the older amateur built wooden boats there may be the evidence of a tongue from the cut off bulkhead on the inside vertical wall of the cockpit. Another hint is that the bulkhead is approximately in line with the mid length of the centreboard/dagger board case. The pulley blocks that I use on my boat are ball bearing types, 19mm for control lines and 40mm for the mainsheet, Holt make a bolting type which can be bolted direct to the boom slide hoops – no shackle required.

For fixing the turning control pulleys to the Spline make up 'strops', use 3mm control line whipped to the blocks with an open eye at the free end – for fitting over the deck eye. Make two lines longer than that for the third block, i.e. two outside long and one inside short.

If your boat has a false floor you should be able to attach the blocks with long and short shackles to the mast step channel avoiding the need for 'strops'

I have indicated a cascade kicker, using wire and metal sheaved ball blocks. If you possess a wire splicer, Ormiston or hydraulic, you can make one up yourself.

Alternatively you could use Marlow Dyneema 'rope' and non metallic pulleys or get your local chandler to make up a wire one. Before you do the latter make sure that the centre of the boom take-off slide is not more than 570mm from the aft face of the mast and then measure the distance to the kicker strap on the mast, allowing for fixings – shackles or hooks at the ends, you can of course use a conventional multi purchase pulley system.

The 'Clamcleat' for the Mainsheet bridle should be kept as close as possible to the aft end of the sloping deck, again there should be a suitable packer fitted below the decking.

I prefer to use a ratchet block for Mainsheet control but there are plenty of Jammer systems available, all quite expensive however, the choice is yours.

I have suggested 3mm, 6mm and 10mm for the various control lines and mainsheet but it is not set in gold and you can use whatever sizes/thicknesses you feel comfortable with.

I hope these notes and the accompanying sketches will give you a clear starting out point for fitting out your Streaker.

Alan Simmons
Streaker 1567 'Brash'

July 2005