

## Document showing phases in repairing rudder



Dismantled right after haul out – date  
April 18 08



Rudder – now showing the main damage. – June 08



Rudder – now showing the hit spot in the front bottom– June 08





3 pics showing my efforts to fix the axel/shaft position to the rudder material– June 08











8 pics showing the splitting of the rudder – June 08



2 pics showing the separated alu frame/ shaft  
This had to be repaired by welding a smaller area



This very bad pic (due to camera failure taking out 2 days of the process) is the only one I have showing the bonding of the 2 halves using 3 very hefty straps. B4 this 2 days of cleaning out all old cellular and bonding the shaft back to one half + GRP reinforcements  
– June 08



One

pic showing the bonded halves - June 08



2 pics showing the latter phase but b4 the epoxy and priming phase –  
Also the last pics I have. When I go down to the boat in 2 days I will complete this pic series and also the mounting.

I am setting off to Sicily-Sardinia-Mallorca-Gibraltar and ends up in Lanzarote - all should be done in 4 weeks.

Kind regards August 17, 2008

from Levin alias Zed