



SPARKMAN & STEPHENS  
SWAN ASSOCIATION

## News from the Cockpit . No. 407/2023

### Toerail

One of the S&S Swan peculiarities is the anodized extruded alluminum toerail, made by the yard since the late sixties, which contributes to the hull stiffness.

It is incredibly strong but... it can be demaged due to an accident!

Unfortunately it is not available anymore as a spare part; and as far as we have been told the yard, in 2022, throw away old stock and some used ones in good condition.

S&S Swan owners must make by themselves.

It is important to know that, in many cases, a demaged toerail could be repaired, but do not try to repair it "in situ", as welding alluminum requires extremely high temperature, and S&S Swan are built with orthopolyester resin, which has a heat distortion temperature around 55 deg c.

Toerail construction details, and some tips, are available in a document entitled [toerail](#) on classicswan (*technical papers*).

***One of our Members is now engineering an extruded anodized aluminum brand new toerail, 100% matching the original one. He is looking for 5 S&S Swan fellow owners (minimum number to produce the toerail), to share building cost. Please let us know you you are interested and we will get in touch with him.***





*S&S Swan alluminum toerail on a S&S Swan 38, demaged in 2022, has been dismantled, straightened, welded, re-anodized and finally reassembled onboard*

## **Galvanic Corrosion and Electrical Bonding**

A new fundamental document, **[Galvanic Corrosion and Electrical Bonding](#)**, just published on our "*Technical Papers*", is now available.

Thanks to Massimo Orlandini (one of S&S Swan Selected Suppliers, and the best Electrical Engineer we have ever met), who dedicated time to write it for us, and to Luca (Tikka III, 37/031) and MaVi (Teragram, 40/043), for their help in re-reading the document.

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## **New mast step for S&S Swan 41/056 Seastar**

*We bought S&S Swan 41/056 Seastar at the beginning of 2020.*

*She is based in Nieuwpoort (Belgium) at the Royal Yacht Club of Nieuwpoort (Konninglijk Yacht Club Nieuwpoort).*

*Though she was sailing very well, we decided last year (autumn 2022) to remove the mast step and to install a new one (an exact copy). As the original piece was quiet corroded. Removing the old base frame allowed to have a look at the keels bolts which were all right. From November 2022 to April 2023, Alain Rousseau (Westdiep workshop Nieuwpoort) realised meticulously this heavy project together with other major refit operations (new electronic, new "Etambot Tube" for the axe of the propeller, new silent block, renewing hull and keel with primer and copper coat and new diesel heating Eberspaecher).*

*We had to be patient to receive the exact copy of the mast step from a specialized metal workshop from Nieuwpoort. It has been a complex process of creation of a brand new piece of steel that was only galvanised once fitting perfectly in place! The mast step lays on a bed of charged epoxy to increase stabilisation and in order to avoid any water flowing below which seemed to be the case before. With this new mast step we are now ready to sail many years with this beautiful boat!*

*We hope this experience can help others who could face the same problem.*

*Olivier B.(41/056 Seastar)*

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## **1<sup>st</sup> Capraia S&S Swan Rally, 21 . 22 . 23 June 2024\***

*21 S&S Swan Owners already confirmed their participation, they are:*

*36/007 Josian, from Italy*

*36/010 Isabella, from Germany*

*37/052 Tikka, from Italy*

*40/047 Star Swan, from Portugal*

*41/025 Lithian, from Italy*

*41/026 Freya, from Canary Is.*

*411/034 Hirondelle, from Italy*

*43/043 Kokkola, from Italy*

*44/014 Four Winds, from Italy*

44/016 Selene, from Italy  
44/036 Sehkraft, from Germany  
44/047 Solano, from France  
44/056 Deneb, from Italy  
47/002 Hypatia, from Italy  
47/039 Outrageous, from Italy  
47/041 Tortuga, from Italy  
47/051 Djata, from Italy  
47/056 Black Tie, from Italy  
47/069 Vanessa, from Italy  
48/015 Rendezvous, from Spain  
65/035 Eve, from Australia

*\* it will be a sailing week end (no races), dedicated to S&S Swan in the charming Capraia Island, Tyrrhenian Sea, organized in collaboration with Porto di Capraia, and two local restaurants. Over the next few months we will be able to send more details, participation costs, etc.*

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## **11<sup>th</sup> S&S Swan Rendez-vous**

*Marciana Marina, Elba Island, 16 - 23 June 2025*

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