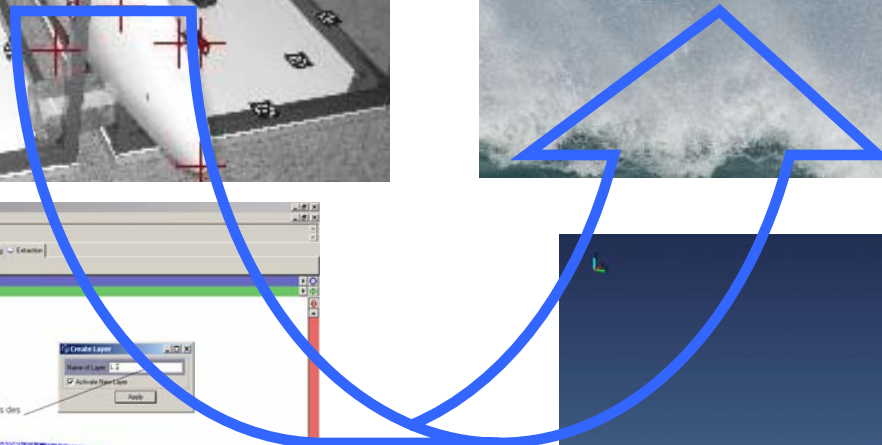
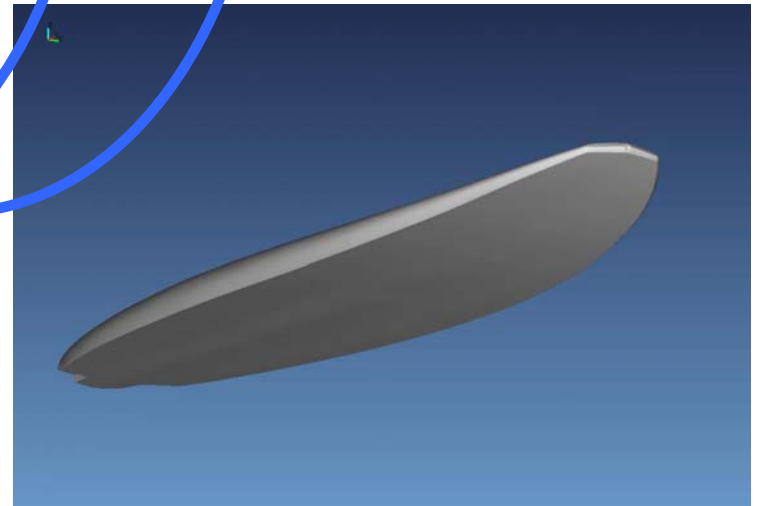
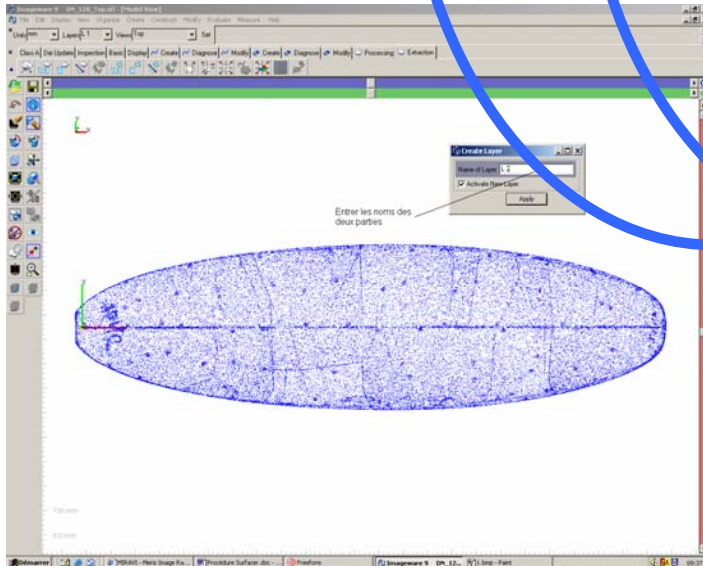
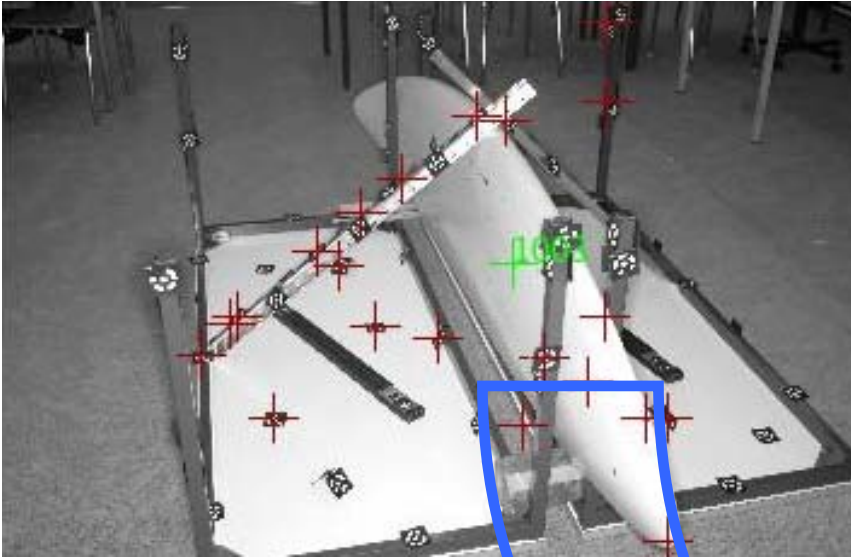
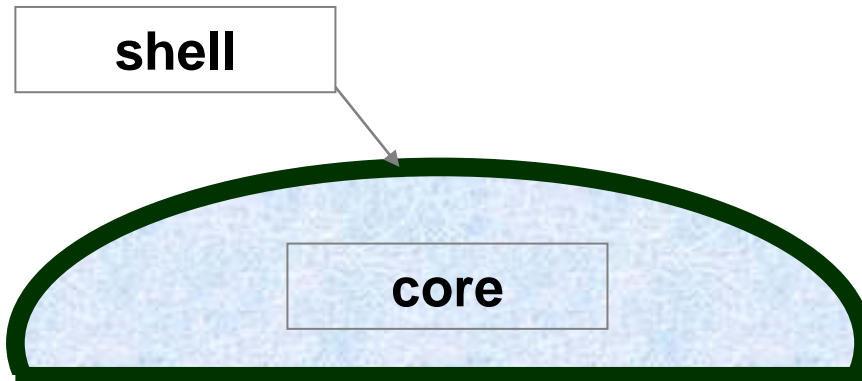


Reverse engineering application:

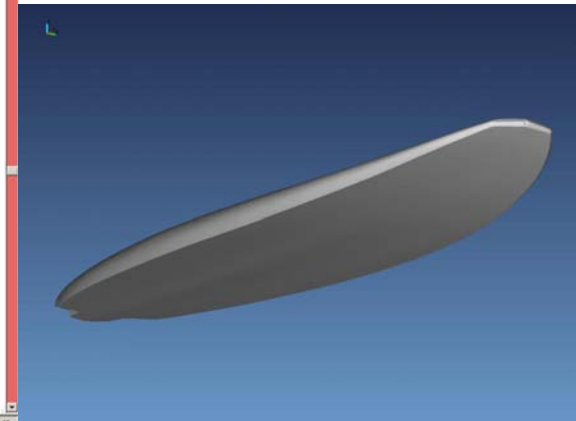
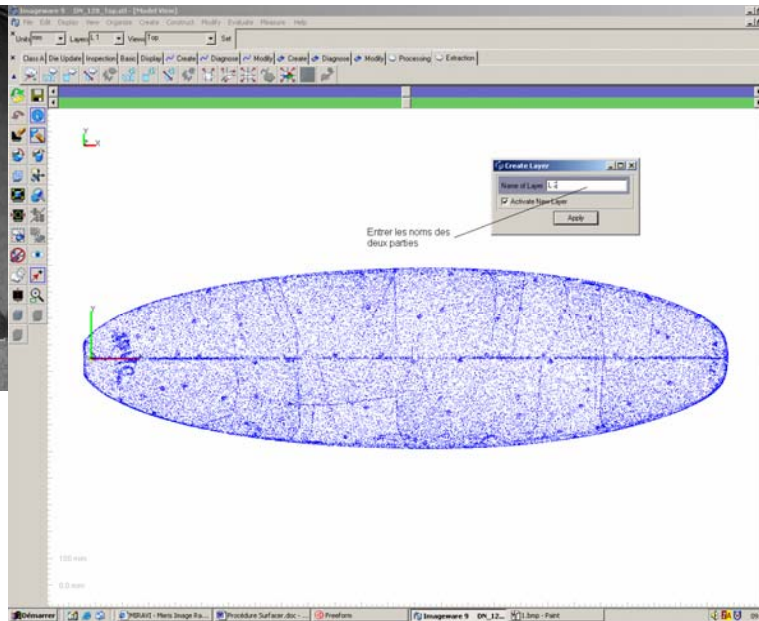
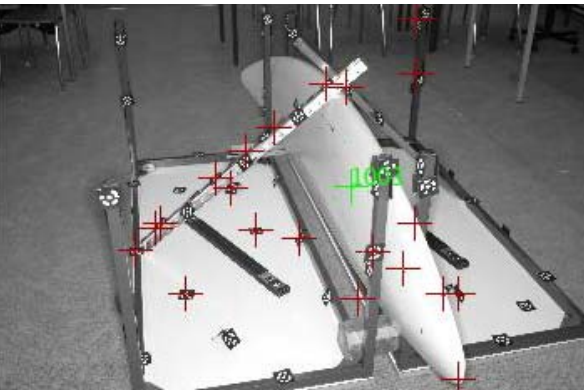
The case of WIND SURF





Problem

- The shape of the surf is given by a prototype
shell = composite resin; core = expanded polystyrene
- Small series manufacturing :
⇒ be able to mill the core in 5 axis with offset of the original shape



Solution

- 3d digitizing
- Reverse engineering of main surface (only principal shape)
- 5 axis milling of CAD surface

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