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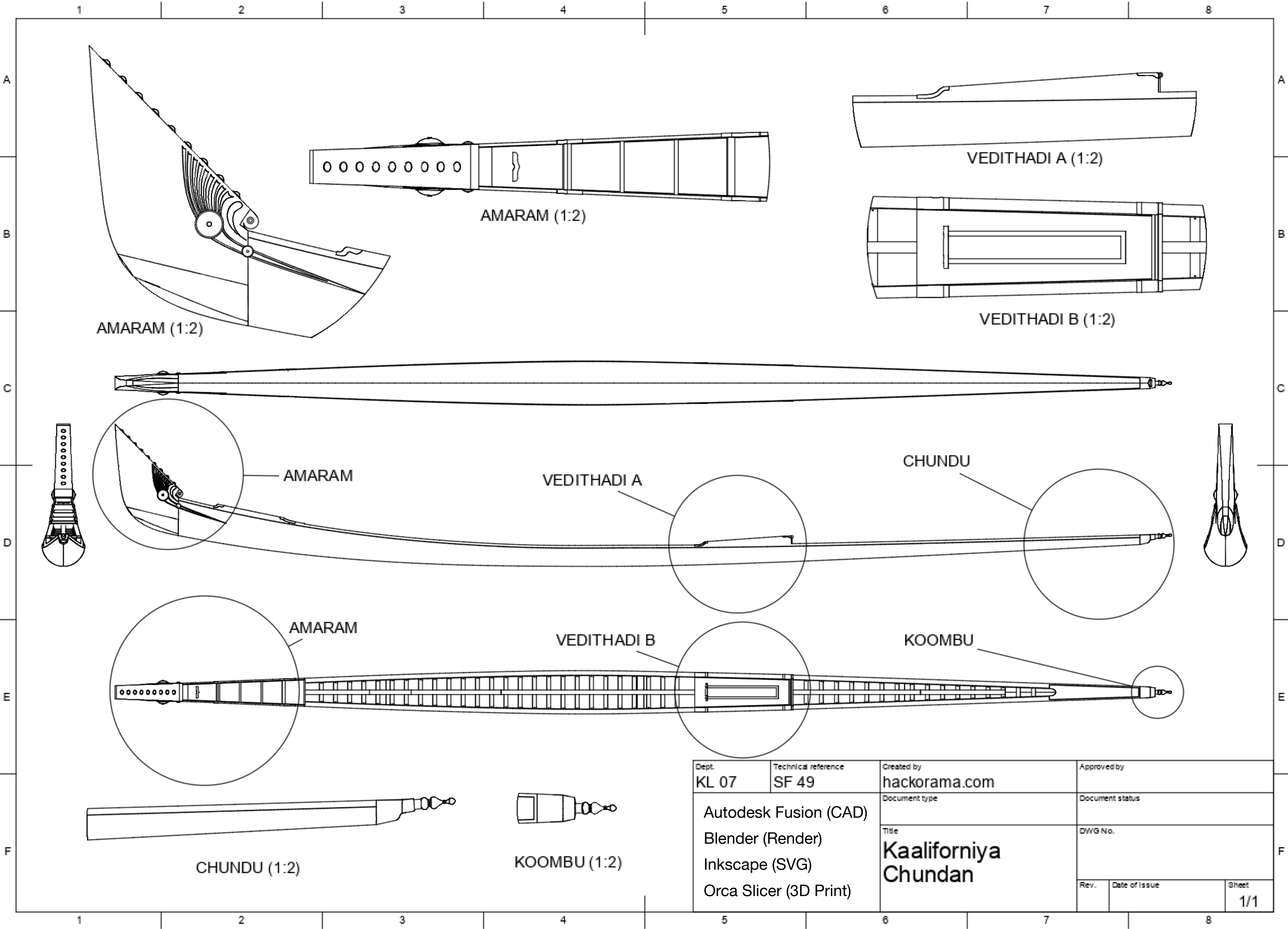
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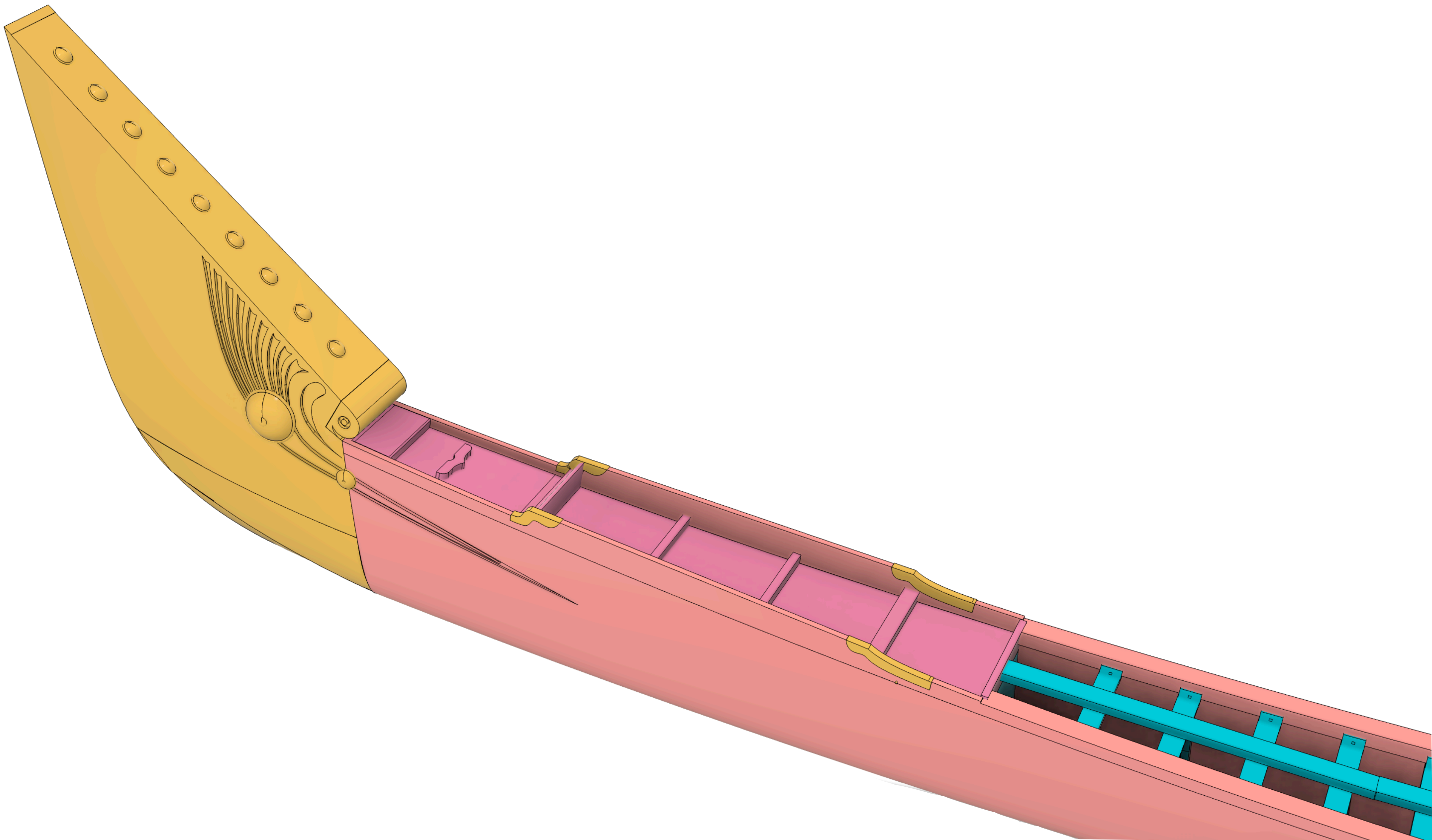


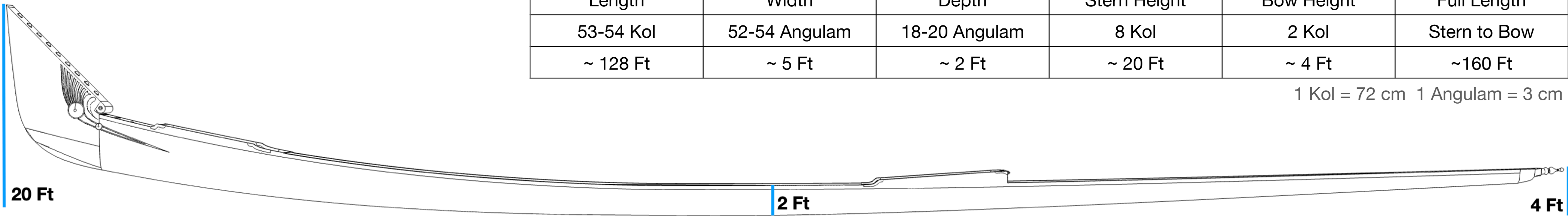
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Modern day racing Chundan Vallam design with lower stern and bow height, a thinner hull profile that is 'U' shaped compared to older 'V' profile. Dimensions follow traditional design and is within Nehru Trophy boat race guidelines. Ornamental designs follow the traditional “navagraha” and “churul” patterns updated for modern sensibility. Seats more than 90 main rowers and supports the full 111 team size.

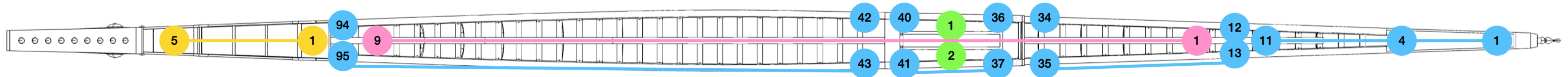
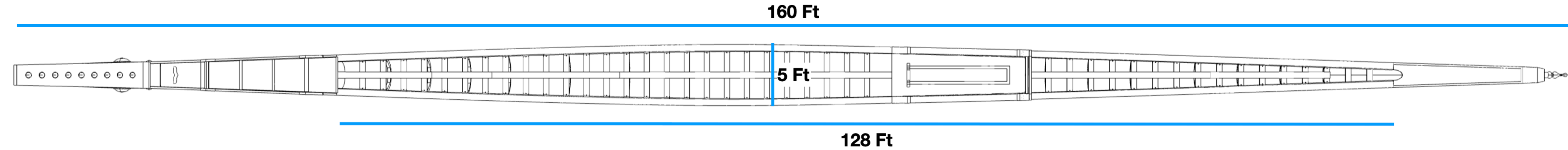






Length	Width	Depth	Stern Height	Bow Height	Full Length
53-54 Kol	52-54 Angulam	18-20 Angulam	8 Kol	2 Kol	Stern to Bow
~ 128 Ft	~ 5 Ft	~ 2 Ft	~ 20 Ft	~ 4 Ft	~160 Ft

1 Kol = 72 cm 1 Angulam = 3 cm



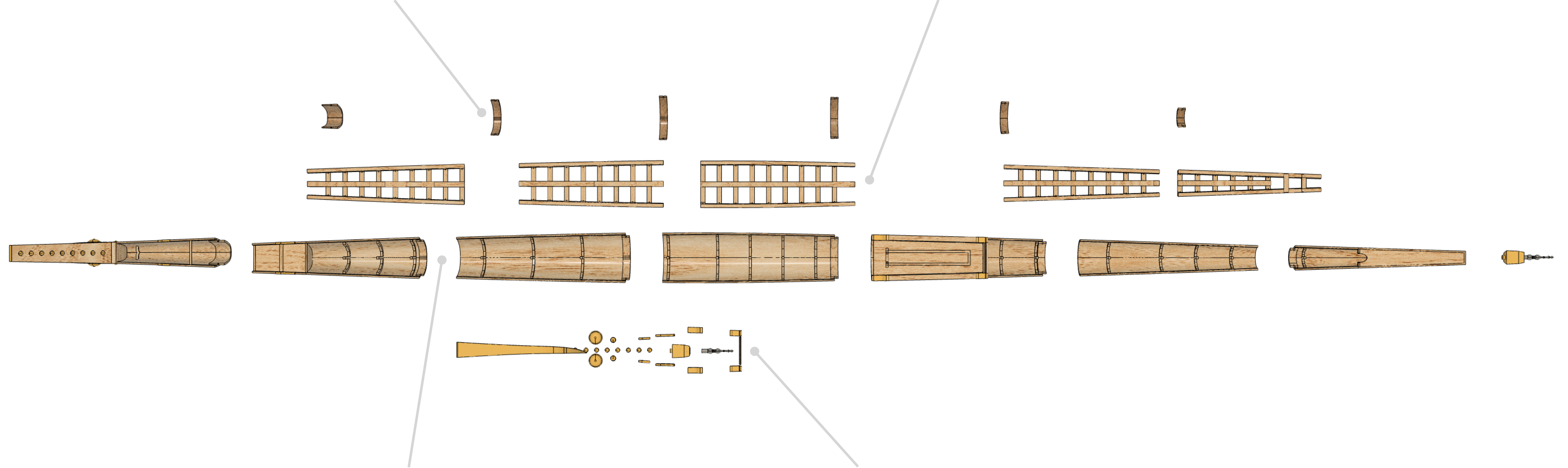
UP TO 95 THUZHAKKAR (OARSMEN) 11 OTTATHUZA (SINGLE) + 84 PAIR 5 AMARAM (STEERING LONG OARSMEN) 2 IDI (PACING RHYTHM) UP TO 9 NILAKKAR (PACING SINGERS) UP TO 95 + 5 + 2 + 9 111 TEAM SIZE

PROTOTYPE FDM PLA+ WHITE



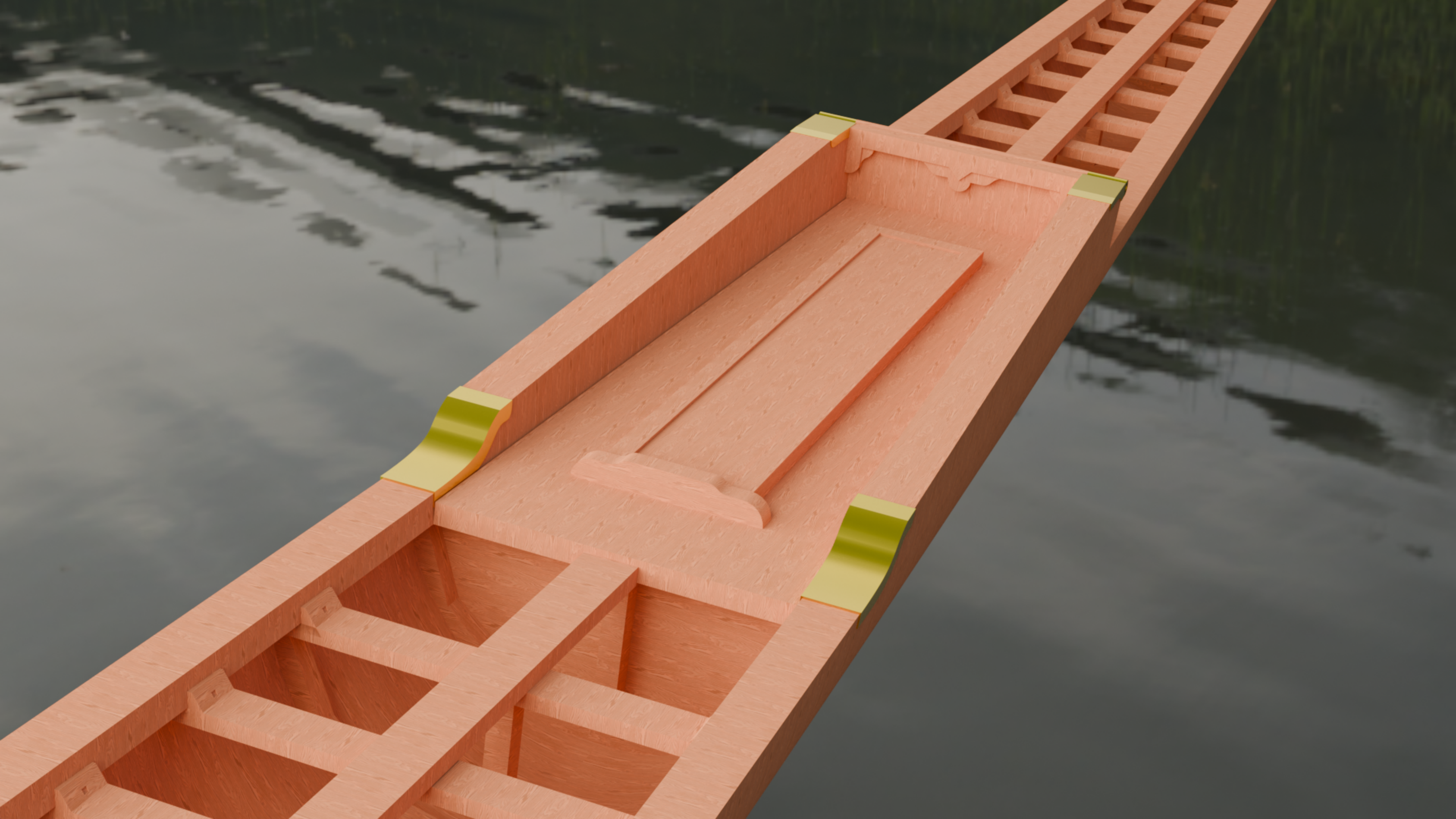
Optional join plates to securely attach hull sections

Print deck boards separately from the hull to avoid interior print support structure



Split scaled model to fit print volume of target printer

Metal braces and ornamental parts can be printed separately using metal/shiny/silk material



Legendary chundans in Nehru trophy race history

- Karichal** 16 wins with two hat-tricks (current 2024 winner)
- Champakulam** 8 wins with two hat-tricks
- Kallooparamban** 6 wins
- Jawahar Thayankari** 5 wins
- Nadubhagam** first winner in 1952 and won again after 67 years in 2019

Legendary boat clubs in Nehru trophy race history

- UBC Kainakary** 12 wins with 2 hat-tricks
- Pallathuruthy** 6 wins, 1 hat-trick, 5 back to back wins (current 2024 winner)

Interesting facts

- Chundan vallams* are built with wild jack (*anjili*) wood planks of size 83 feet x 6 inch
- Palliyodams* with higher stern height and bow height are used for festive regatta like the Aranamula boat race.
- Chundan vallams* with lower height and thinner hull profile are used for racing competition like Nehru trophy boat race
- Nilackaar* uses songs and beating of a pole (*idi*) on central deck platform (*vedithada*) to provide pacing for the team like a coxswain in a rowing team



Nehru Trophy
nehrutrophy.nic.in

