



AIRCRAFT CARRIERS : MUST HAVE OR NICE TO HAVE?

22nd may 2024



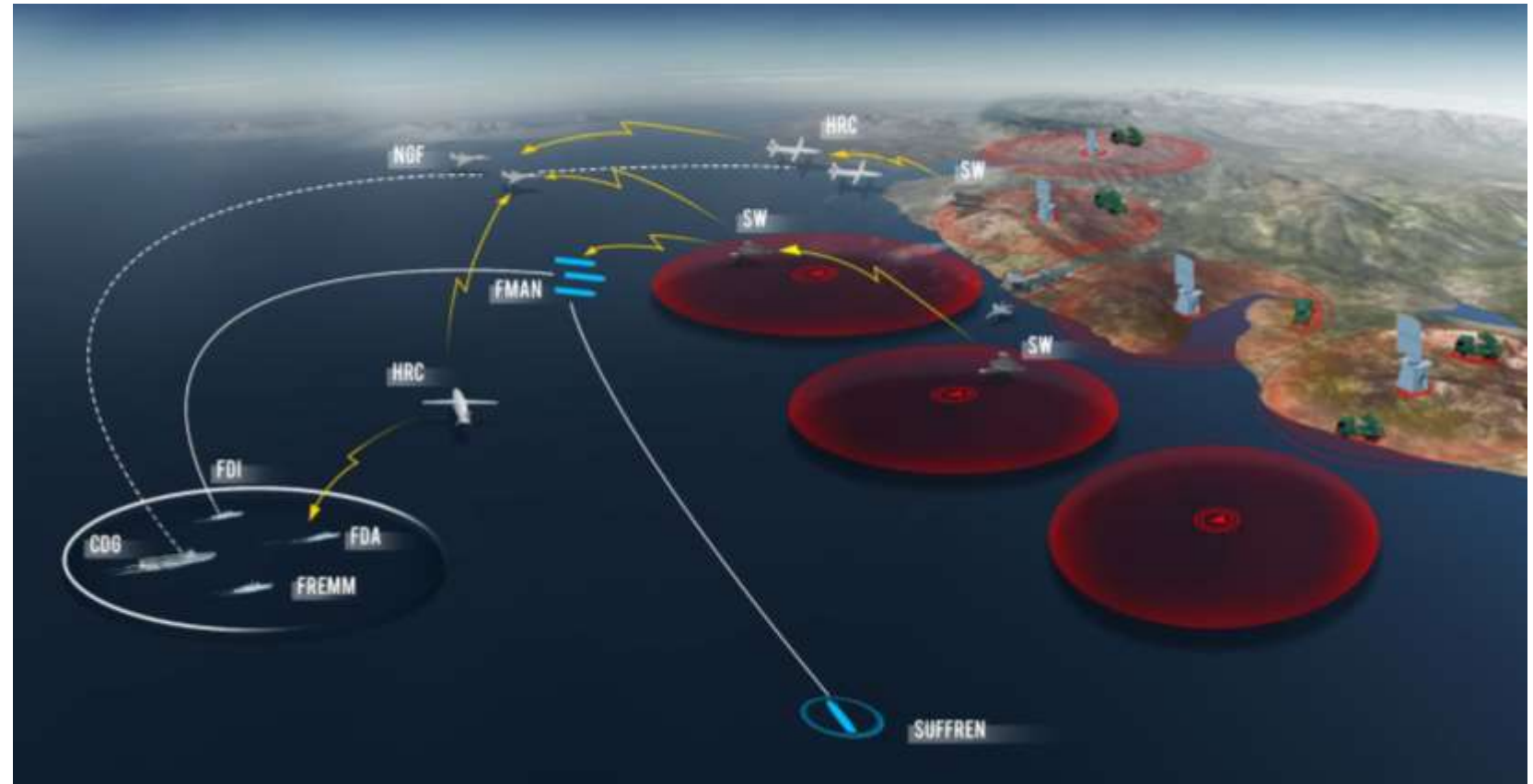
Need a next generation Strike Group by the end of the 30s

Challenge to face :

- MSL Range / Nbr
- Global ISR
- UxV
- NEW
- DEW

Capable of :



- Full spectrum effects from tactical to strategic
- adapting for 40 years
- Agility to implement new techno on short notice.



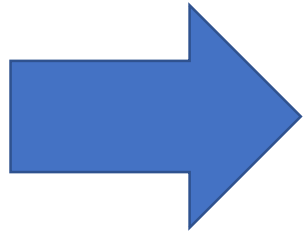
Futur French Carrier (FFC) and her strike group will be designed to provide solution to deliver full spectrum effects up 2080 in a tougher international context.

What kind? What type?



Modular CV	Catamaran CV	offshore barge	Derived CV		
					
Artificial Island	Small STVOL CV	Airbase network	Hydroplane	Ship missile carrier	Submarine missile carrier
					

Diplomatic Weight
Sovereignty
Strategic extension
Speed of deployment
Versatility
NGWS compatibility



At the end : CATOBAR Aircraft carrier.

Mobility and agility

**Sustainability of various type of
air missions**

Adaptive

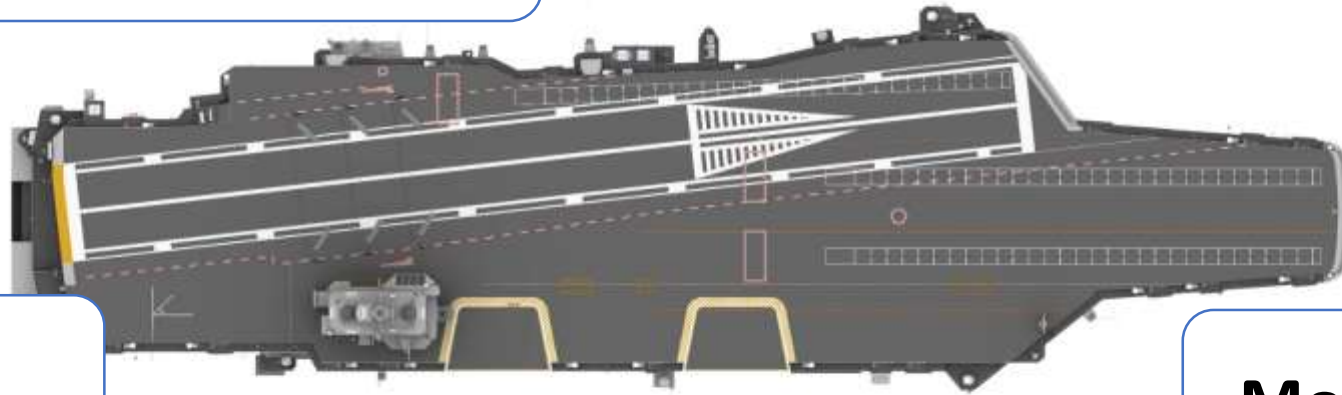
Deterrence

Resilience

Mobile A2D2 asset


Autonomy

Availability



FFC is designed as an adaptive platform able to generate during long deployment, heavy armed, long range air sorties. She will be UAVs/UcAVs compatible by design. 31/05/2024

Baseline schedule – main steps

2018 - 2020	Comparison studies of concepts.
December 2020	French HoS decision for nuclear powered future aircraft-carrier
2021 – 2025	Feasibility phase (in 2 sequences)
2025 – 2032	Development & production phase
2032-2035	Assembly  <small>Chantiers de l'Atlantique_Porte-avion_Kirp4 (Ligne de commande)</small>
Early 2036	First sea trials
2038	Commissioning

Main characteristics



305 m length overall

79 m width overall
39 m at waterline

75 000 t full load

Nuclear powered

All electrical ship

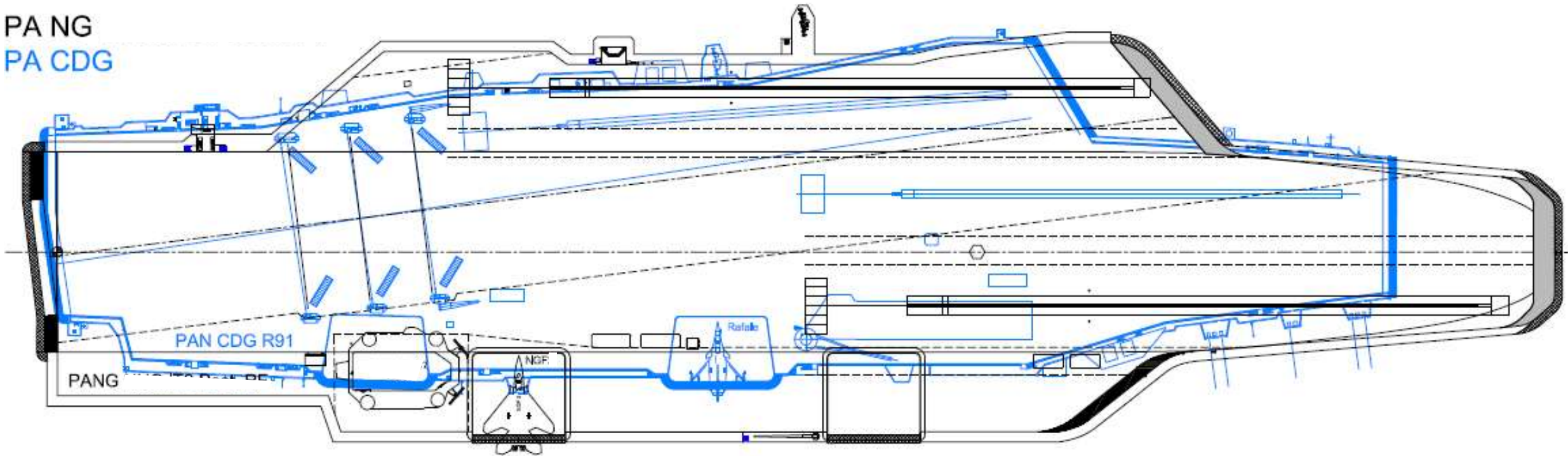
2000 crew including

Shipmen / Airwing /
CSG staff

Charles de Gaulle CV vs FFC

40 000t VS 75 000t

PA NG
PA CDG

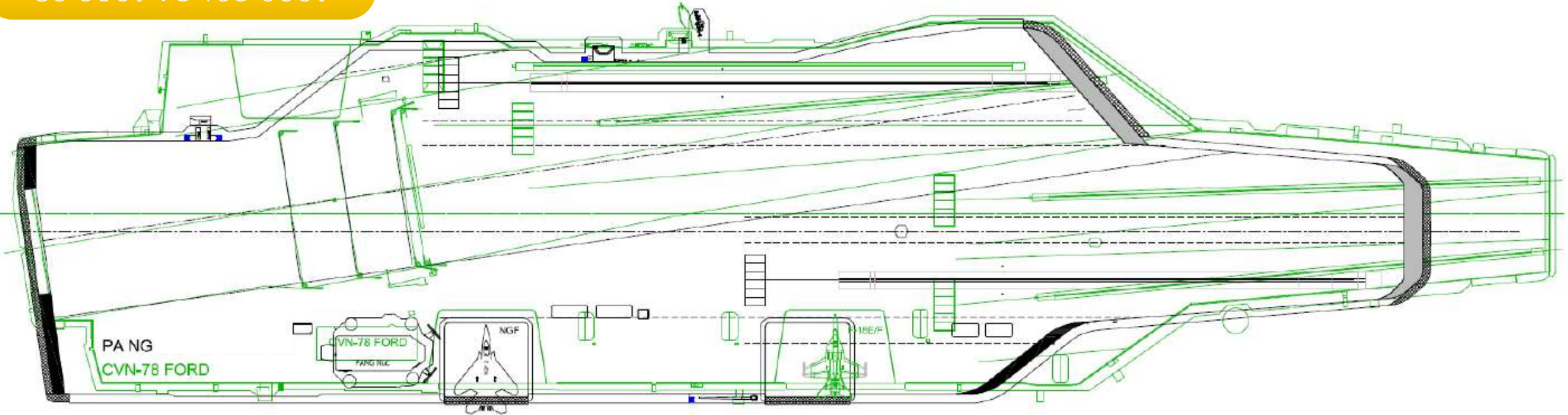




FFC vs CVN78 (USS FORD)

FFC - CVN 78

80 000t VS 105 000t



PENDING YOUR QUESTIONS

