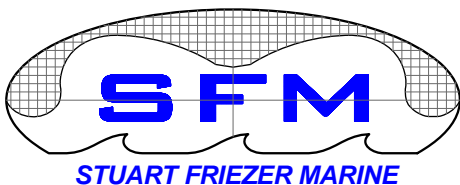


# *LightCraft*

## Aluminium Shipbuilding



# *40m Crew Boat*



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Ph: (612) 86684865 [stuartfriezer@hotmail.com](mailto:stuartfriezer@hotmail.com)



*SCY Design*

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# LightCraft

40m Crew Boat



SCY Design

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# LightCraft

40m Crew Boat



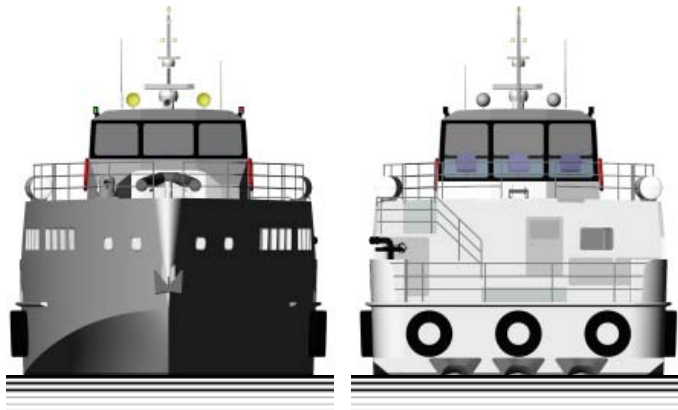
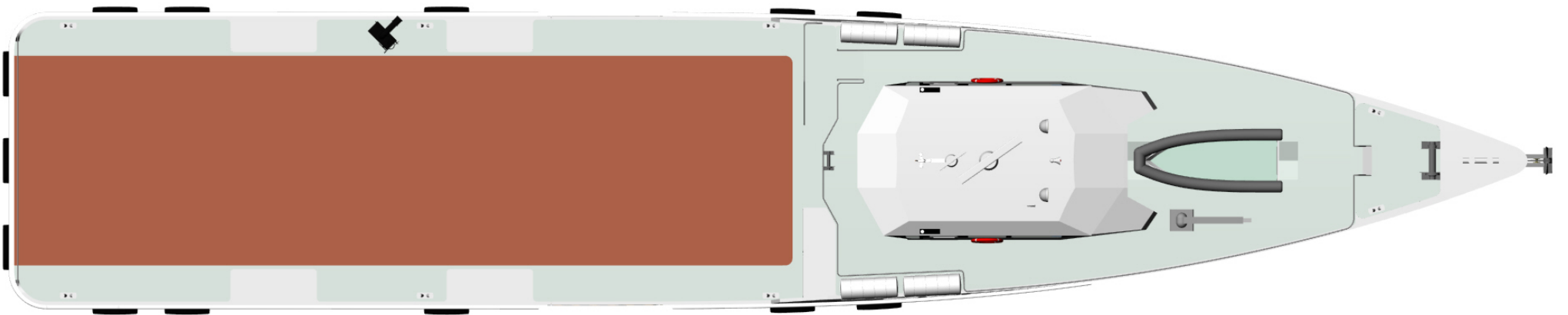
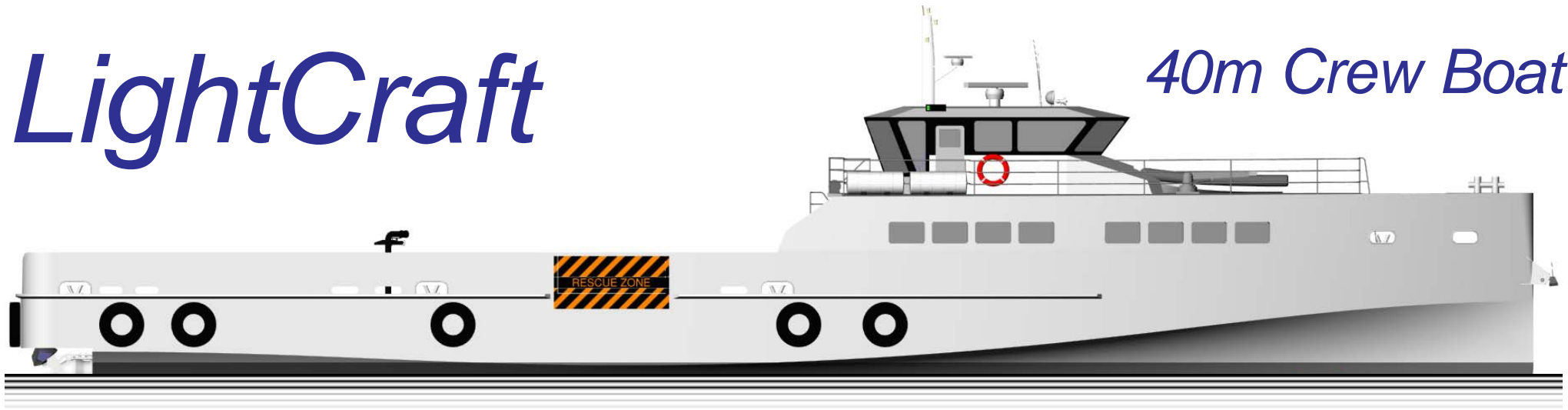
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# LightCraft

## 40m Crew Boat



LOA : 42.0m  
Lmoulded : 40.0m  
LWL : 40.0m  
Beam : 8.0m  
Draft : 1.2m  
Fuel : 105400lts  
Water : 6900lts

Passengers : 85  
Crew : 8+2  
Aft Deck Area: 161m<sup>2</sup>  
Cargo Deck : 125m<sup>2</sup>  
Deck Load : 75tm

Classification :  
Lloyds ✕100A1 HSLC SSC  
Workboat Mono, G3

Construction :  
Marine Grade Aluminium

**SCY Design**

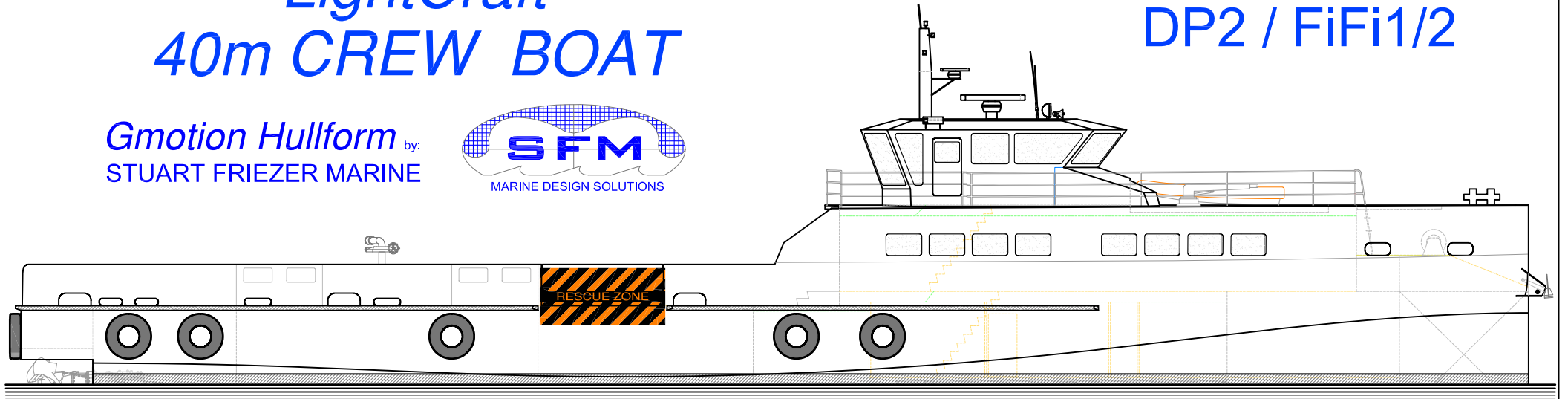
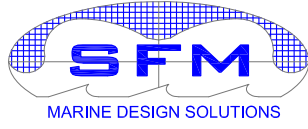
48 Sweetgum St, Ashmore Qld 4214, Australia  
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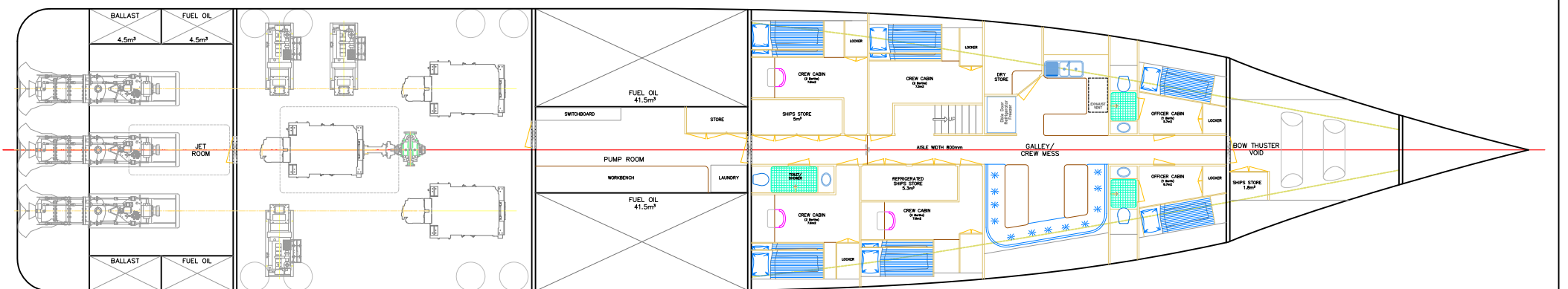
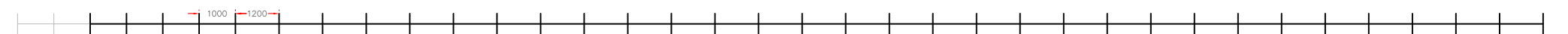
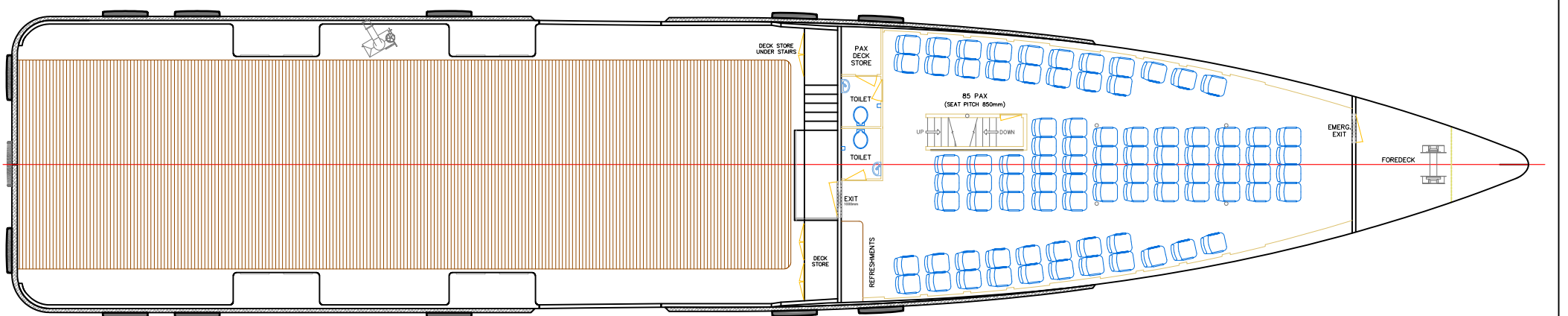
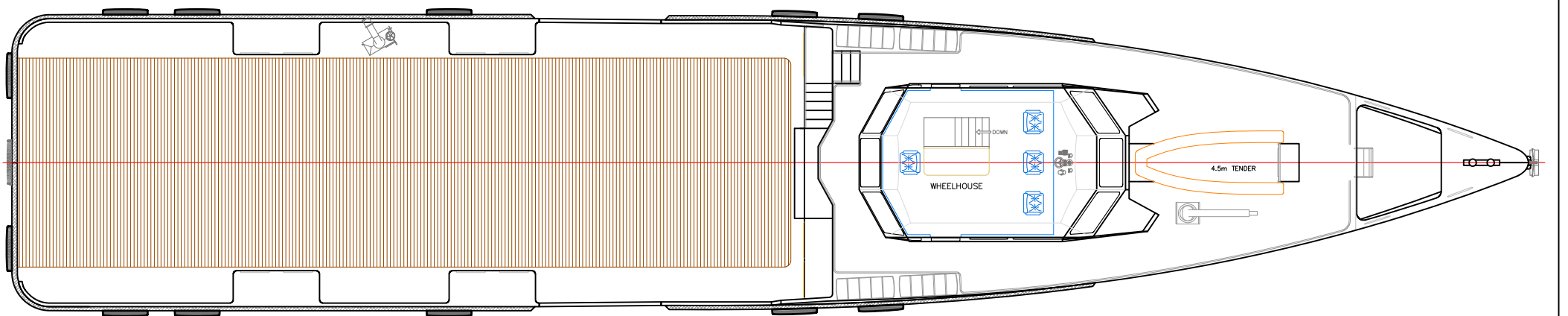
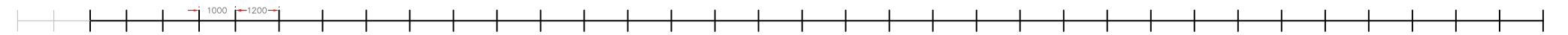
# LightCraft 40m CREW BOAT

DP2 / FiFi1/2

Gmotion Hullform by:  
STUART FRIEZER MARINE



FUEL OIL DAY TANK 2x2.6m<sup>3</sup>      FRESH WATER 2x3.4m<sup>3</sup>      BLACK/GREY WATER 2x1.4m<sup>3</sup>      BALLAST 2x5.0m<sup>3</sup>      FUEL OIL 2x4.0m<sup>3</sup>      BALLAST 9.4m<sup>3</sup>



**PRINCIPAL PARTICULARS**

LOA: 42.0m  
Lmoulded: 40.0m  
LWL: 40.0m  
Bmoulded: 8.0m  
DEPTH: 3.4m  
DRAFT: 1.2m  
FUEL OIL (midships): 96400ltrs  
FUEL OIL (aft): 9000ltrs  
FRESH WATER: 6900ltrs  
GREY WATER: 1430ltrs  
BLACK WATER: 1430ltrs

MAIN ENGINE: 3 x Cummins KTA38A  
1007kW @1900rpm  
GEARBOX: ZF 3055  
PROPULSION: 3 x Thrustmaster DJ260  
AUXILLARY: 3 x Cummins 6BT5.9-D(M)  
80kWe @ 1500rpm, 100kVa  
BOW THRUSTER: 2 x Thrustmaster 24TT110  
610mm, 82kW, 10kN Thrust  
FIRE PUMP: 1 x Jason 1500m<sup>3</sup>/hr  
DP2: Kongsberg

**PAYLOAD**

CREW: 8+2  
PASSENGERS: 85  
AFT DECK AREA: 161m<sup>2</sup>  
CLEAR DECK AREA: 125m<sup>2</sup>  
CARGO DECK LOAD: 75t  
BALLAST AFT: 8.8m<sup>3</sup>  
BALLAST FWD: 9.9m<sup>3</sup>

**SURVEY**

CLASSIFICATION: Lloyds \*100A1 SSC  
Workboat Mono, G3  
CONSTRUCTION: ALUMINIUM

SPEED:  
25t dwt. 100% MRC 30.3knots  
25t dwt. 85% MRC 27.7knots  
50t dwt. 100% MCR 27.5knots  
50t dwt. 85% MCR 24.7knots  
RANGE: 25t av dwt. 26knots, 12.4t fuel 680nm  
RANGE: 56t av dwt. 10knots, 86.5t fuel 10300nm  
ENDURANCE: loadcase as above, incl. 43days  
1 x genset at 24.6lt/hr

**LightCraft**  
aluminium workboats

VESSEL: 40m CREW BOAT		SCALE:	
TITLE: GENERAL ARRANGEMENT		DRAWN: MDW	
DWG No: 40C.a-100	DATE: 19/2/2015		

**SCY Design**  
Consulting Naval Architects & Mechanical Engineers  
48 Sweetgum St, Ashmore, Queensland 4214, Australia  
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