



# NEWBUILDING LIVESTOCK EXPRESS



This is one of three next-generation livestock vessels being built in China. The vessels are designed to have a cargo capacity of approx. 4,600 sqm (approx 4,000 head of cattle at 350 kg/head) and a cruising range of approx. 18,000 NM, sufficient for a voyage from Brazil to China and back without refuelling. The vessels will be fitted with animal welfare services (ventilation / watering / feeding) that exceed Australian (AMSA) regulations which are considered to be the world's most stringent. The vessels will be delivered in 2013.

The vessels feature a new design of bow which will result in significant fuel savings whilst being able to maintain a high service speed of abt 16.75 knots in heavy weather without detrimental impact to the comfort of the livestock cargo on board.

<b>Flag</b> : TBA <b>Port of Registry</b> : TBA <b>Built</b> : 2013 <b>IMO N°</b> : TBA <b>Class</b> : BV <b>Builder</b> : China <b>Class notation</b> : I ⓧ Hull ⓧ Mach, Livestock Carrier, Unrestricted Navigation, ⓧ Aut-UMS, InWaterSurvey, Cleanship, MON-Shaft, COMF-NOISE 2, COMF-VIB 2, green passport		<b>Dimensions</b>	
		LOA	: 134.80 m
		Length between pp	: 125.25 m
		Beam moulded	: 19.60 m
		Depth	: 15.90 m
<b>Machinery</b>		<b>Tonnages</b>	
<b>Main Engine</b>	6,090 kW	<b>DWT</b>	5,448 T on design draft
<b>Shaft generator</b>	900 kW	<b>Design draft</b>	6.60 m
<b>Aux Engines</b>	3 x 1,000 kW	<b>Gross Tonnage</b>	10,035
<b>2nd source of power</b>	400 kW	<b>Net Tonnage</b>	3,010
<b>Bow Thruster</b>	750 kW		
<b>Remarks</b>		<b>Speed / Consumption</b>	
Gear : 2 x 3 T deck cranes @ 24 m		Max sea speed: 18 knots	
Air circulation: 200 PAT		Service speed: abt 16.75 knots (shaft generator engaged)	
<b>Capacities</b>			
Total Net Pen area:	approx. 4,600 m <sup>2</sup>	HFO:	990 MT
Number of decks:	5	MDO:	250 MT
Deck space fodder:	550 m <sup>2</sup>	MGO:	55 MT
Fodder:	1,180 m <sup>3</sup>		
Fresh water:	2,540 m <sup>3</sup>		
Fresh water production:	2 x 100 m <sup>3</sup> per day (at sea)		