

BRIDGE POSTER BULKC11L

Ship's name Arklow River Call Sign _____ Gross tonnage _____ Net tonnage _____

Displacement 5 906 tonnes Max. Deadweight 4 504 tonnes Block coefficient 0,853

DRAUGHT	
Fore	5,65 m
Aft	5,71 m

STEERING PARTICULARS	
Type of rudder(s)	
Maximum rudder angle	45, deg
Time hard-over to hard-over with one power unit	60, s
with two power units	30, s
Min. speed to maintain course, propeller stopped	_____ knots
Rudder angle for neutral effect	0 deg

ANCHOR CHAIN		
	Chain length	Max. rate of heaving shackles/min
	shackles	
Port	8,	
Starboard	8,	
Stern		
1 shackle = 27.4 m = 15 fathoms		

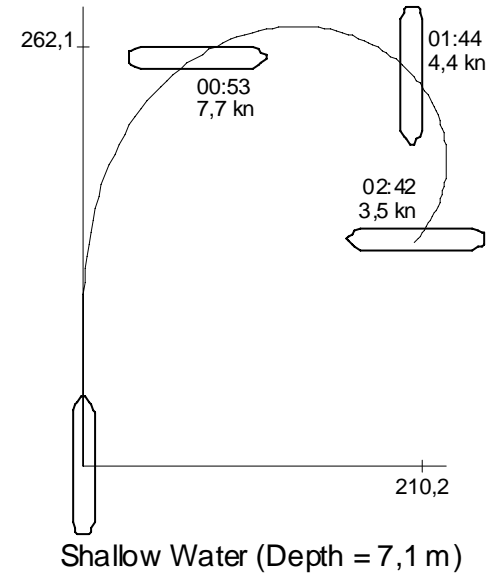
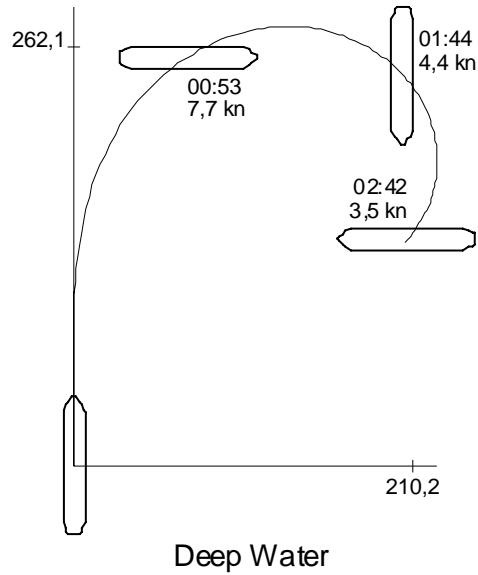
PROPULSION PARTICULARS	
Engine type:	1 499 kW diesel
Propeller type:	normal

THRUSTER EFFECT					
Thruster	kW	Time delay for full thrust	Turning rate at zero speed	Time delay to reverse full thrust	Not effective above speed
Bow	250	00:10	41,6	00:10	
Stern					
Combined					

Throttle setting		RPM	Pitch	Speed
Full Sea Speed	1,	194,8	0,835	12,
Full Ahead	0,8	194,8	0,735	10,62
Half Ahead	0,5	194,8	0,585	8,97
Slow Ahead	0,25	194,8	0,334	5,02
Dead Slow Ahead	0,125	194,8	0,167	2,01
Stop	0,	194,8	0,	0,
Dead Slow Astern	-0,125	-0,3	-0,04	0,
Slow Astern	-0,25	-0,2	-0,08	0,
Half Astern	-0,5	-0,1	-0,158	0,
Full Astern	-1,	0,	-0,82	0,

DRAUGHT INCREASE				
Estimated Squat Effect			Heel Effect	
Under keel clearance m	Ship's speed knot	Max. squat estimated m	Heel angle deg	Draft increase m
0,85	3,0	0,1	0	0,00
	6,0	0,2	1	0,12
	11,8	0,7	2	0,24
2,84	6,0	0,2	5	0,61
	11,8	0,7	10	1,22

TURNING CIRCLES RUDDER 45 DEG



STOPPING CHARACTERISTICS

