 NTSB # 34 a

PILOT CARD

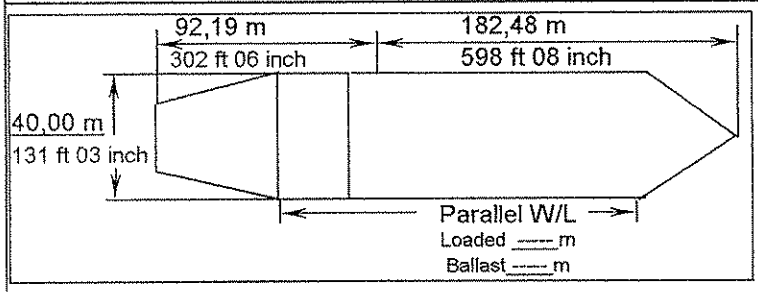
for the port of **OAKLAND** **DATE:** 7-Nov-07

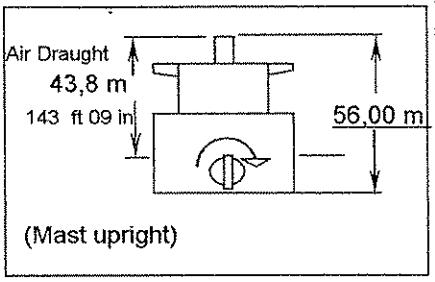
Draught Aft: 12,23 m **=40 ft 01 inch**	Draught Fwd: 12,12 m **=39 ft 09 inch**

Ship´s name	**MV "COSCO BUSAN"**	Displacement(max): 92,149.9 t	
Call sign	**VRDI 6**	Deadweight (S & W) 68086.5 tonnes (max)	Year built 2001

SHIP´S PARTICULARS

Length overall:	274,67 m	Anchor chain:	Port 13,5 shackles (1 shakle = 27,5 m)
Breadth :	40,00 m		Starboard 13 shackles (1 shakle = 15 ftms)
Bulbous bow	Yes		Stern -- shackles





STEERING PARTICULARS

Type of rudder: SEMI BALANCED Maximum angle 35 ° P&S Hard-over to hard-over 28 s

Rudder angle for neutral effect ____ ° port/starboard

Thruster : BOW 2000 kW (2700 Hp) Stern ---- kW (__Hp)

Type of engine: B & W 10K98 Maximum power 57000 kW (77600Hp)

Type of propeller FIXED BLADES; RIGHT HANDED

Manoeuvering engine order	Rpm/pitch	Speed (knots) Loaded	Ballast
Full ahead	65	17	18
Half ahead	50	13	14
Slow ahead	35	9	10
Dead slow ahead	24	6	7
Dead slow astern	24		
Slow astern	35		
Half astern	50		
Full astern	65		

Time limit astern 10,2 min
Full ahead to full astern 16,25 min
Max. no of consecutive starts 9
Minimum RPM = 24 / 6 knots
Astern power = __ahead

CHECKED IF ABOARD AND READY

Anchors.....2.....	☑	Engine telegraphs.....	☑	Compass system.....	☑
Wistle.....2.....	☑	Steering gear.....	☑	Constant gyro error+/-	0 °
Radar 3cm ☑ 10cm	☑	Number of power units operating .4...	☑	VHF	☑
ARPA.....	☑	Indicators: Rudder.....	☑	Electronic position fixing system	☑
Speed log..	☑	Ppm/pitch...	☑	Type: DGPS	
Water speed.....	☑	Rate of turn.	☑	.....	.....
Ground speed....	☑			.....	.....
Dual-axis.....	☑				

OTHER INFORMATION: GRT: 65131, NRT: 34078

PILOT SIGNATURE: [redacted] Rec'd only

Tug – Revolution