



Staten Island Ferry

# FORM-31B

## BARBERI CLASS CRITICAL EQUIPMENT LIST

AJB Class Critical Equipment List (Form-31B) shall be maintained to identify critical systems, machinery and equipment per ENG-Section 4.2 Critical Systems Procedure.

#	Equipment Name	Number on Vessel	Minimum Number Required	Additional Manning Required	Vessel Operating Status*	Comments	USCG Notification	USCG 2692	ABS
<b>MAIN PROPULSION</b>									
1	Main Engine (MPDG)	4	3	no	CVO		x	x	x
2	Voith Propulsion Unit	2	2	no	OOS		x	x	x
3	Voith Controls	2	2	no	OOS		x	x	x
<b>AUXILIARY MACHINERY</b>									
4	SSDG	2	1	no	CVO	May continue to operate with one (1) SSDG in service	x	x	x
5	EDG	1	1	no	OOS		x	x	x
6	Fire / Bilge Pump	1	1	no	OOS		x	x	x
7	Emergency Fire Pump	1	1	no	OOS		x	x	x
8	Bilge Pump	1	1	no	OOS		x	x	x
9	SS Air Compressor	2	1	no	CVO		x	x	x
<b>NAVIGATION / COMMUNICATION / SECURITY</b>									
10	PA / GA System	1	1	n/a	OOS		x	x	
11	CCTV System	1	1	yes	CVO	Contact CSO only for further guidance as per CSP			
12	Fire Door Inoperative			yes	CVO	Require add'l man to standby each door; more than 2 doors - OOS.	x	x	
13	Pilothouse VHF Radio	4	1	yes/no	CVO	Add'l Mate assigned to pilothouse has portable VHF.			
14	Pilothouse Radar	4	1	no	CVO	Weather permitting; request for letter of deviation required.	x		
15	Pilothouse AIS	2	1	no	CVO	Advise VTS	x		
16	Security Door Lock	2/2	2/1	no	CVO	Contact CSO only for further guidance as per CSP			
17	Navigation Lights	4 sets	2 sets	no	CVO	one set of navigation lights required at each end. Notification for loss of end.	x	x	
18	Gyro Compass	1	0	0	CVO	Contact DOO for approval to continue operation			
19	Ship's Whistle	2	2	no	OOS		x	x	
<b>BATTERY BACK-UP / UPS</b>									
20	GYRO UPS	1	0	n/a	CVO	Contact DOO for approval to continue operation			
21	V.H.F. Radio UPS	2	1	n/a	CVO	Three mates aboard with portable VHF's; 2 extra in Port Office.			
22	CCTV	1	0	yes	CVO	Contact CSO only for further guidance as per CSP			
23	AIS	2	1	no	CVO	Advise VTS	x		
<b>RESCUE BOATS</b>									
24	Rescue Boats	4	2*	no	CVO	*Minimum # of Rescue Boats is one each side on diagonal corners.	x	x	x

\* Vessel Operating Status Key  
 CVO: Continuous Vessel Operation  
 OOS: Vessel Out of Service