

Ship Reference Sheet							1. Ship name Piet Hein																
2. Ship class Van Ghent		3. Ship Type DD		4. Size class C		5. Speed 34		6. Propulsion Steam Turbine		7. Crew 129		8. Total Mounts 8		9. Armor Class 0									
Radars (Annex G)				Damage Point Effects			Percentage Damage					0%		25%		50%		75%		90%		100%	
Name		Function		Range Large		Range Small		Range Vsmall		Damage Points		0		13		26		40		48		53	
										Surface Speed		34		26		17		8		0		Sinks	
“										Acceleration Rate (% of Max Speed)		0-50%		51-100%		Deceleration Rate (Any Speed)		15kts					
“												12kts		16kts									
Sonar (Annex H)				Active Range		Passive Range						Note: Turns greater than 45° halves acceleration rate											
Name		Type		Surf Ship		Submarine		Torpedo		Turning Distance (Hard Rudder)		200yds		Speed Loss per 45° Turn		3kts (HR)							
										Turning Distance (Standard Rudder)		300yds				2kts (SR)							
Embarked Aircraft: N/A																							
Guns (Annex C)																FC Radar, Strength, Rng							
Arc(bb)Mts		Name		Shell Type		Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)								
						Range		Pen	Dam/Mt	Range		Pen	Dam/Mt	Range		Pen	Dam/Mt	Range		Pen	Dam/Mt		
F/A (1)4		Wilton-Fienoord Mk 4 LA 120mm/50		SAP		0-3.2		14	7			11	4			2	2			4	2		
				HE				4	10			3	7			1	3			1	3		
P/S (1)2		Mk 1 75mm/45		HE		0-2.0		2	5	2.1-5.9		2	4	6.0-9.8		0	2	9.9-13.0		1	2		
vs. Belt Armor												vs. Deck Armor											
Area AA Guns:				(2) Mk1 75mm/45				Area AA Range:				2.0				Area AA Strength: 0.5							
Light AA Guns:				(1)4 .50 cal				Light AA Strength: 0.3															
Anti-Submarine Warfare Systems (Annex D)																							
Arc(bb)Mts		Name		Range		PH		Dam Pts		Remarks													

Depth Change Armament:			Max Pattern Size:			Max Pattern Depth:			
DC Type:			Total DC's Carried:						
Torpedoes (Annex E)			# Torps per mt	Speed kts	Dist/Tn yds	Range yds	Damage Points	Remarks	
P&S (3)2		533mm TT w/3 Mk IX Torp.		3	41		11000		
					35		15000		

Notes and Remarks:

- Four ships in class: Evertsen, Van Ghent, Kortenaer, Piet Hein.
- Standard displacement is 1316 tons.
- Can carry 24 mines.

Ship Reference Sheet					1. Ship name Jacob Van Heemskerck																																
2. Ship class Tromp		3. Ship Type CL		4. Size class B		5. Speed 33		6. Propulsion Steam Turbine			7. Crew 380		8. Total Mounts 5		9. Armor Class 2/2																						
Radars (Annex G) Name Function		Range Large		Range Small		Range Vsmall		Damage Point Effects Percentage Damage																													
Type 285		FC-A		6		3		1.5		0%			25%		50%		75%		90%		100%																
Type 279		AS		70		35		17.5		Damage Points			0		34		68		101		122		135														
										Surface Speed			33		25		16		8		0		Sinks														
										Acceleration Rate (% of Max Speed)			0-50%		51-100%		Deceleration Rate (Any Speed)																				
													10kts		5kts		12kts																				
Sonar (Annex H) Name Type		Active Range		Passive Range		Surf Ship		Submarine		Torpedo		Turning Distance (Hard Rudder)			200yds		Speed Loss per 45° Turn		4kts (HR)		Note: Turns greater than 45° halves acceleration rate																
										Turning Distance (Standard Rudder)			300yds				3kts (SR)																				
Embarked Aircraft:																																					
Guns (Annex C)																																					
Arc(bb)Mts Name		Shell Type		Range		Short Range (7)		Pen		Dam/Mt		Range		Med Range (5)		Pen		Dam/Mt		Range		Long Range (2)		Pen		Dam/Mt		Range		Extreme Range (1)		Pen		Dam/Mt		FC Radar, Strength, Rng	
2F/P/S/A (2)5		MkXVI 4 in/45		HE		0-3.0		3		15		3.1-9.0		2		12		9.1-15.0		0		5		15.1-20.0		1		5									
				SAP				11		10				8		7				2		3				3		2									
vs. Belt Armor _____ vs. Deck Armor _____																																					
Area AA Guns:		(2)5 Mk XVI 4 in./45										Area AA Range:		5.0		Area AA Strength: 2.1																					
Light AA Guns:		(4)1 2 pdr., (1)6 20mm										Light AA Strength:		1.9																							
Anti-Submarine Warfare Systems (Annex D)																																					
Arc(bb)Mts Name		Range		PH		Dam Pts		Remarks																													

Depth Change Armament:		Max Pattern Size:		Max Pattern Depth:											
DC Type:		Total DC's Carried:													
Torpedoes (Annex E) Arc(bb)Mts Torpedo Type		# Torps per mt		Speed kts		Dist/Tn yds		Range yds		Damage Points		Remarks			

Notes and Remarks:

(1) One ship in class; ship incomplete at time of German invasion and armed in Britain.

(2) Standard displacement listed as 3787 tons.

