

## Atlantic Submarine Warfare – Modifiers by turn

Turn	NNDRM	Ports	US	Torp	ASW	CVEs	Air r.	Ultra	other	Total
Sp	+1	-	-	-	-	-	-			
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										
Sp										
Su										
Fa										
Wi										

## Atlantic Submarine Warfare – Turn by turn

Turn	Subs	ASW	CVE	DRM	Results			Transport Losses						Transport Totals					
					Subs	ASW	Raid	Atlantic			Indian O.			BRPs	Atl	Ind	Pac	UB	Total
Sp36	1	1	0																
Su36	2																		
Fa36	2																		
Wi36	2																		
Sp37	2																		
Su37	2																		
Fa37	2																		
Wi37	2																		
Sp38	2																		
Su38	2																		
Fa38	2																		
Wi38	2																		
Sp39	2																		
Su39	2																		
Fa39	2																		
Wi39	2																		
Sp40	2																		
Su40	2																		
Fa40	3																		
Wi40	3																		
Sp41	4																		
Su41	4																		
Fa41	5																		
Wi41	5																		
Sp42	6																		
Su42	6																		
Fa42	7																		
Wi42	8																		
Sp43	9																		
Su43	10																		
Fa43	11																		
Wi43	12																		
Sp44	13																		
Su44	14																		
Fa44	15																		
Wi44	16																		
Sp45	17																		
Su45	18																		
Fa45	19																		
Wi45	20																		
Sp46	21																		
Su46	22																		

## Pacific Submarine Warfare – Turn by turn

- The number of American submarines that may conduct submarine warfare in the Pacific SW box each turn is limited as follows: 1939-1942: 1; Spring and Summer 1943: 2; Fall and Winter 1943: 3; Spring and Summer 1944: 4; Fall and Winter 1944: 5; Spring 1945 and thereafter: 6. Any remaining American submarines, if built, must operate on the Pacific mapboard.
- American submarines may not enter the Pacific SW box to conduct submarine warfare until the turn in which war breaks out between Japan and the U.S. or the turn in which the USJT level reaches 40 or more.

Turn	American submarine warfare modifiers							Forces		SW dice rolls		Transports			BRPs
	Naval DRM	Air range	Torp	ASW	Magic	Manila	Net DRM	Subs	ASW	Sub roll	ASW roll	Trans	Net sub result	Usable trans	BRPs
Sp41								1							
Su41								1							
Fa41								1							
Wi41								1							
Sp42								1							
Su42								1							
Fa42								1							
Wi42								1							
Sp43								2							
Su43								2							
Fa43								3							
Wi43								3							
Sp44								4							
Su44								4							
Fa44								5							
Wi44								5							
Sp45								6							
Su45								6							
Fa45								6							
Wi45								6							
Sp46								6							
Su46								6							
Fa46								6							
Wi46								6							

# Shipbuilding – Turn by turn

## Spring 19\_\_

	SBP	Subs	ASW	Tr	CVE	DD	CA	BB2	BB3	BB4	BB5	CVL	CV	CVB	Rep
Ger															
Ita															
Jap															
Bri															
Can															
Aus						Aus	Aus								
USe															
USp															

## Summer 19\_\_

	SBP	Subs	ASW	Tr	CVE	DD	CA	BB2	BB3	BB4	BB5	CVL	CV	CVB	Rep
Ger															
Ita															
Jap															
Bri															
Can															
Aus						Aus	Aus								
USe															
USp															

## Fall 19\_\_

	SBP	Subs	ASW	Tr	CVE	DD	CA	BB2	BB3	BB4	BB5	CVL	CV	CVB	Rep
Ger															
Ita															
Jap															
Bri															
Can															
Aus						Aus	Aus								
USe															
USp															

## Winter 19\_\_

	SBP	Subs	ASW	Tr	CVE	DD	CA	BB2	BB3	BB4	BB5	CVL	CV	CVB	Rep
Ger															
Ita															
Jap															
Bri															
Can															
Aus						Aus	Aus								
USe															
USp															