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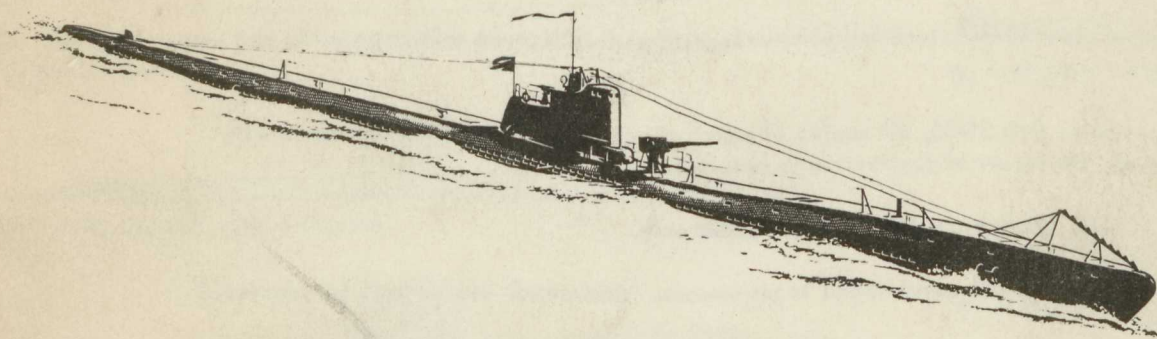
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APRIL 1955

SUBMARINE SIGHTING GUIDE

REVISION 1



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DEPARTMENT OF THE NAVY
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April 1955

LETTER OF PROMULGATION

1. The purpose of this publication is to provide all interested commands with an intelligence reference guide and an aid to watch officers and interrogators.
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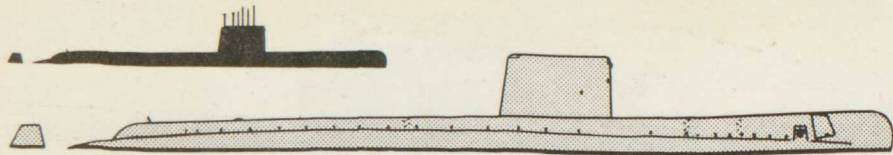
95, 426

Carl F. Espe
CARL F. ESPE
Rear Admiral, USN
Director of Naval Intelligence

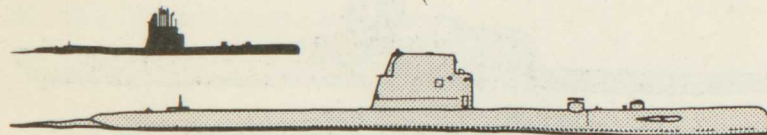
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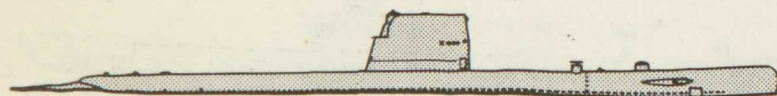
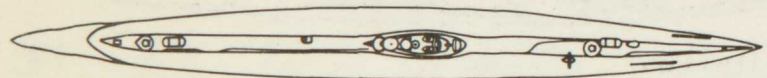
UNITED STATES



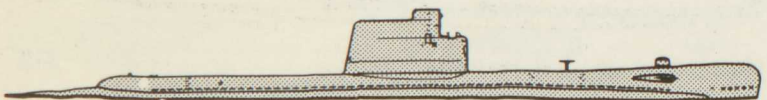
1. SSN NAUTILUS (Silhouette shows NAUTILUS with snorkel and periscopes raised.) 320'



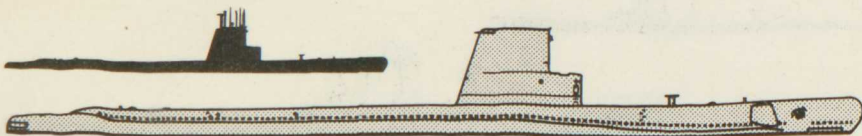
2. TANG CLASS - 1st variation (Silhouette shows snorkel and periscopes raised.) 268'



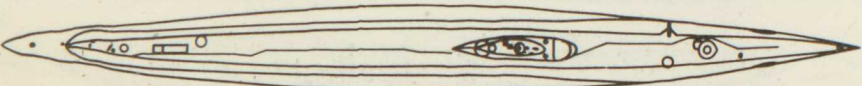
3. TANG CLASS - 2nd variation 268'



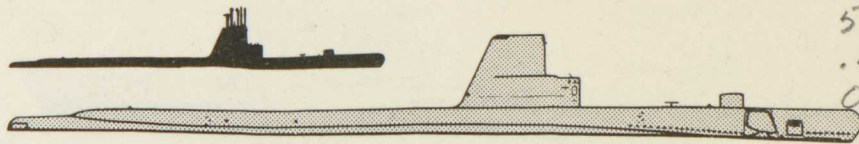
4. TANG CLASS - 3rd variation 268'



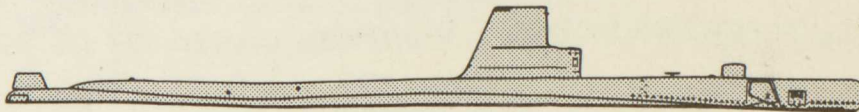
5. "GUPPY" - 1st variation (Silhouette shows snorkel and periscopes raised.) 306'



UNITED STATES (CONT'D.)



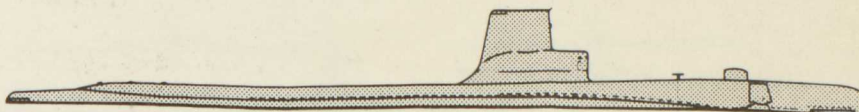
6. "GUPPY" - 2nd variation (Silhouette shows snorkel and periscopes raised.) 306'



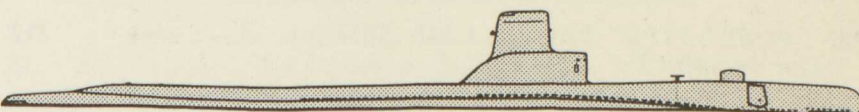
7. "GUPPY" - 3rd variation 306'



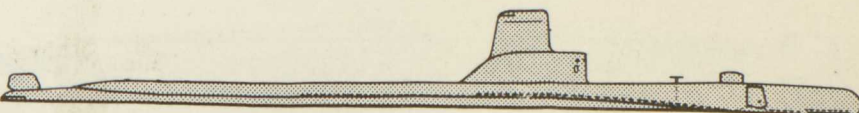
8. "GUPPY" - 4th variation 306'



9. "GUPPY" - 5th variation 306'



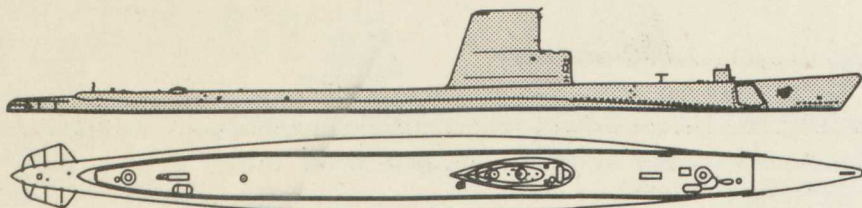
10. "GUPPY" - 6th variation 306'



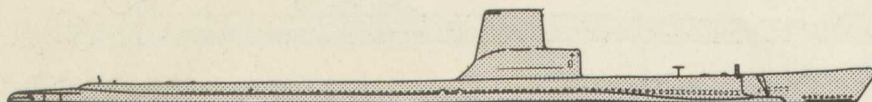
11. "GUPPY" - 7th variation 306'

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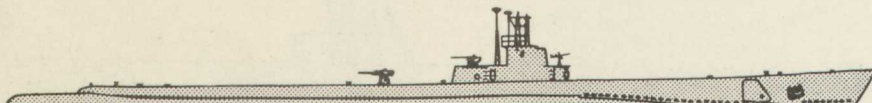
UNITED STATES (CONT'D.)



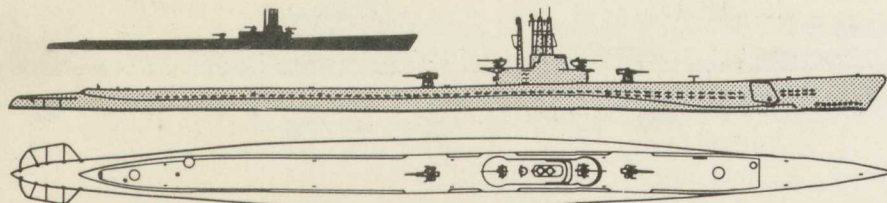
12. "FLEET-TYPE SNORKEL" - 1st variation 312'



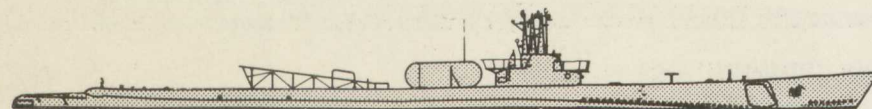
13. "FLEET-TYPE SNORKEL" - 2nd variation 312'



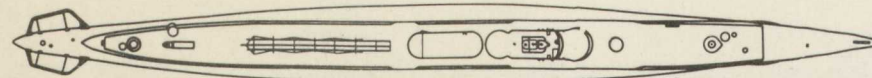
14. "FLEET-TYPE" GATO CLASS (Deck gun arrangement varies.) 312'



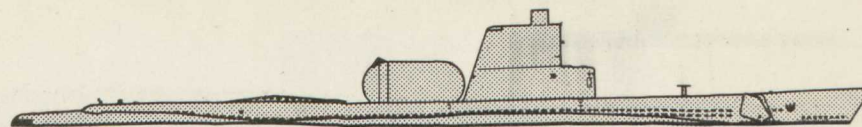
15. "FLEET-TYPE" BALAO CLASS (Silhouette shows deck gun variation.) 312'



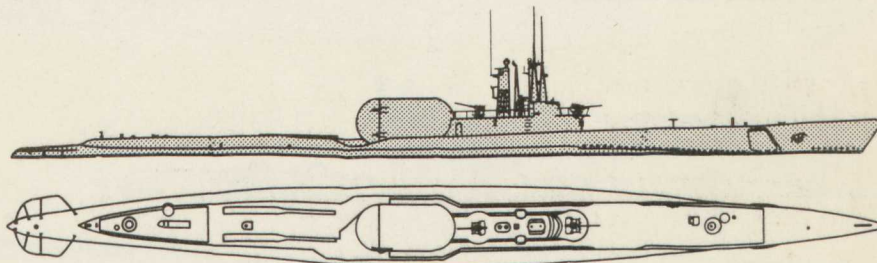
16. SSG (Guided Missile) - 1st variation 312'



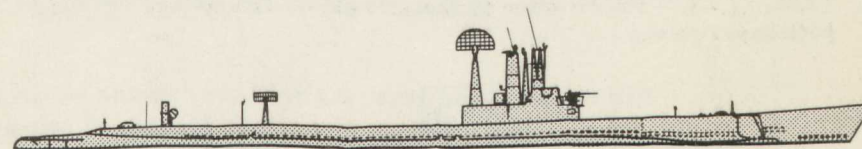
UNITED STATES (CONT'D.)



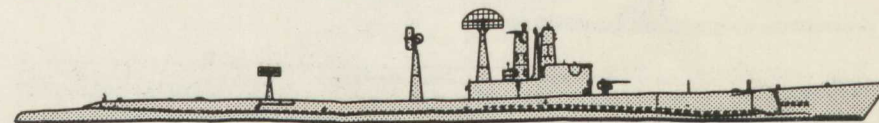
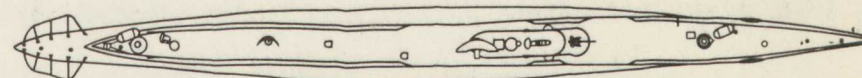
17. SSG (Guided Missile) - 2nd variation 312'



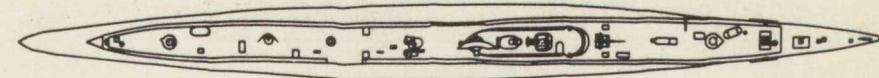
18. ASSP (Transport) 312'



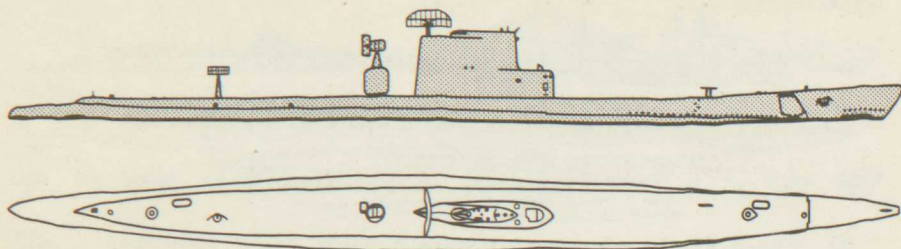
19. SSR (Radar Picket) - 1st variation 312'



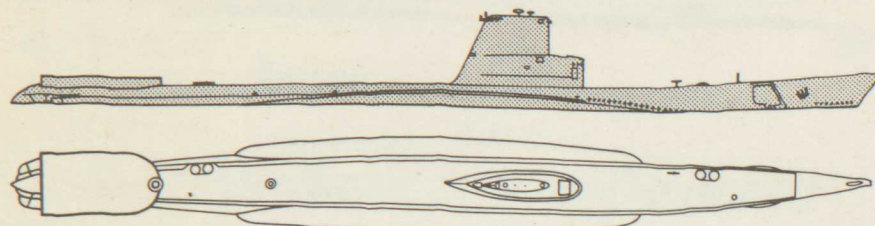
20. SSR (Radar Picket) - 2nd variation 312'



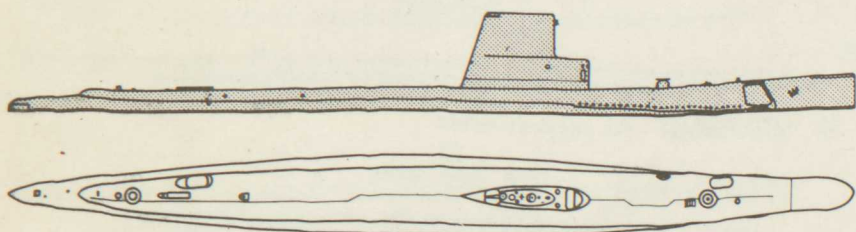
UNITED STATES (CONT'D.)



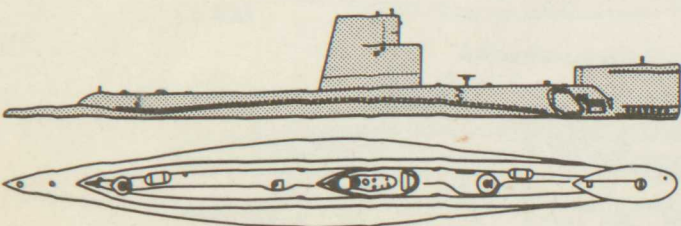
21. SSR (Radar Picket) - 3rd variation 341'



22. SSO (Oiler) 312'

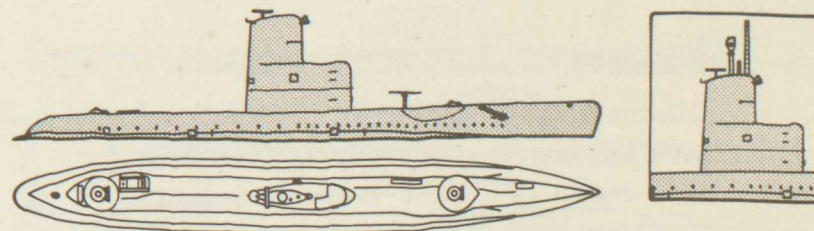


23. SSK 2 CLASS (Anti-Sub.) 312'

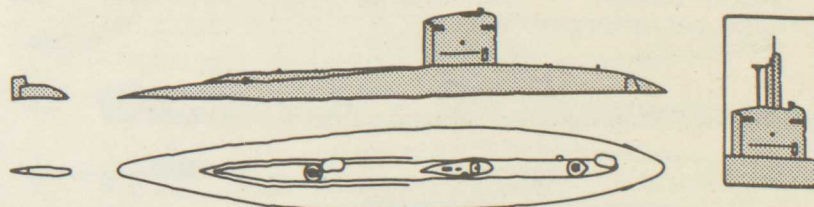


24. SSK 1 CLASS (Anti-Sub.) 196'

UNITED STATES (CONT'D)

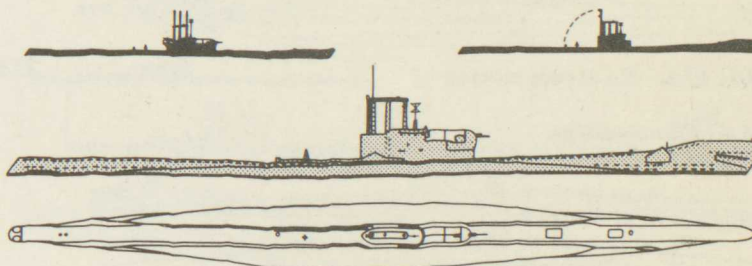


25. SST 1 CLASS (Inset shows periscopes and snorkel raised.) 130'

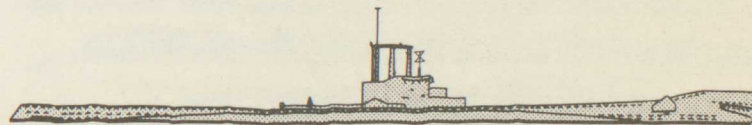


26. AGSS ALBACORE (Inset shows periscopes raised.) 203'

GREAT BRITAIN

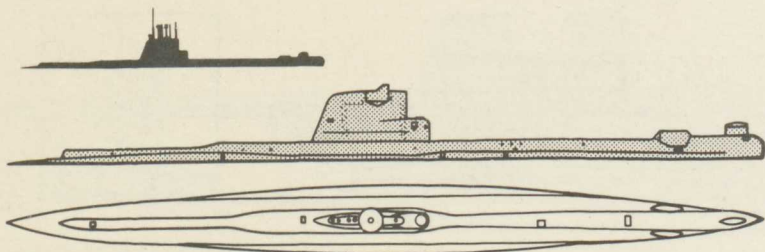


27. "A" CLASS - 1st variation (Silhouette at left shows AMPHION with periscopes raised, silhouette at right shows snorkel raised.) 282'

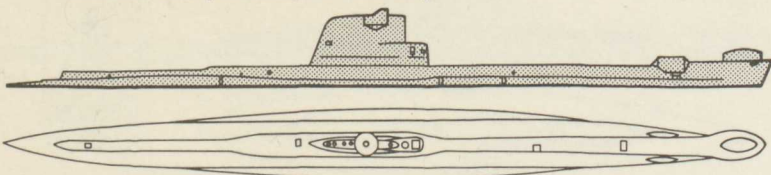


28. "A" CLASS - 2nd variation 282'

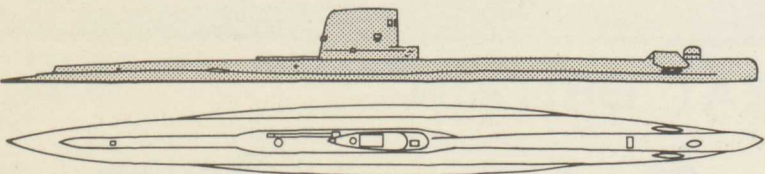
GREAT BRITAIN (CONT'D)



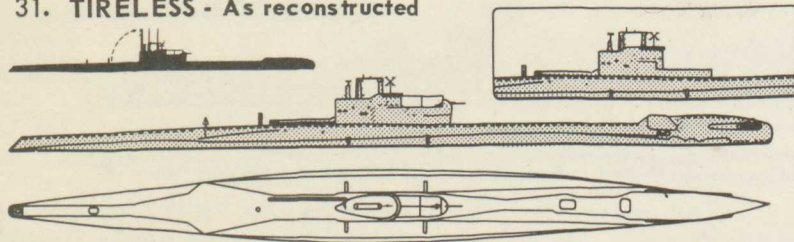
29. "T-CONVERSION" - 1st variation (Silhouette shows snorkel and periscopes raised.) 285'



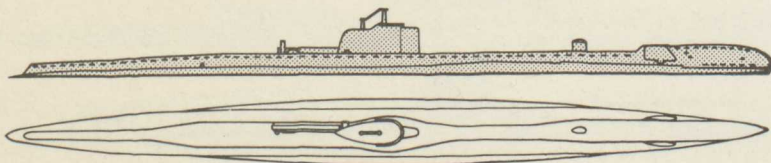
30. "T-CONVERSION" - 2nd variation 285'



31. TIRELESS - As reconstructed 274'

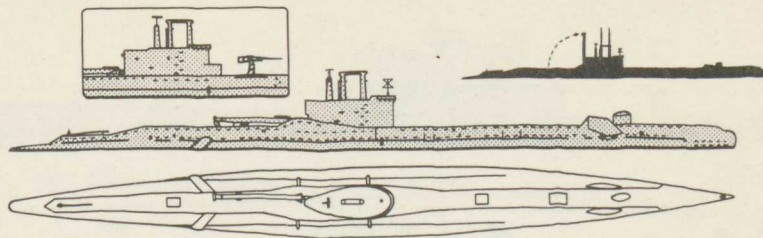


32. TRITON CLASS (Inset shows conning tower variation, silhouette shows snorkel and periscopes raised.) 274'

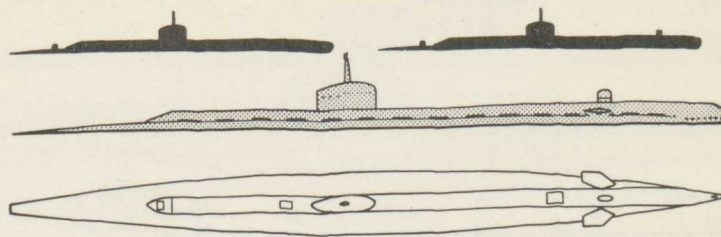


33. TRADEWIND - As reconstructed 274'

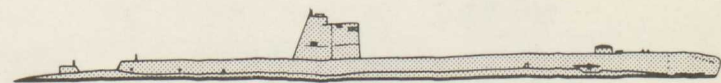
GREAT BRITAIN (CONT'D.)



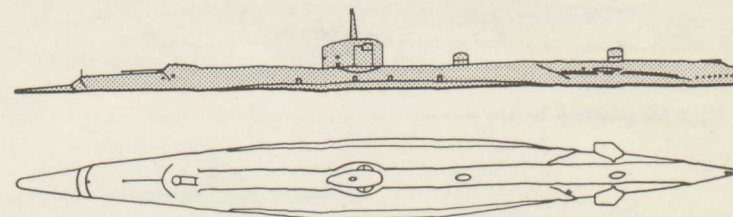
34. "1940 S" CLASS (Inset shows conning tower variation, silhouette shows snorkel and periscopes raised.) 217'



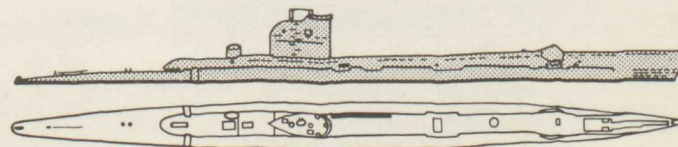
35. "1940 S" CLASS - As modified for target and training duties (Silhouettes show minor appearance variations.) 217'



36. SCOTSMAN - As reconstructed 217'

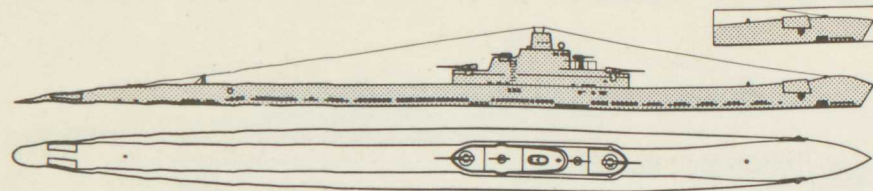


37. SERAPH - As reconstructed 217'

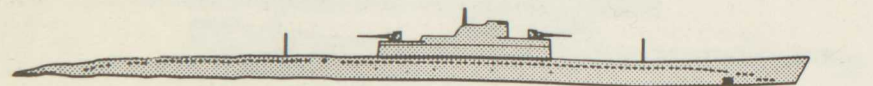


38. UNITY CLASS 197'

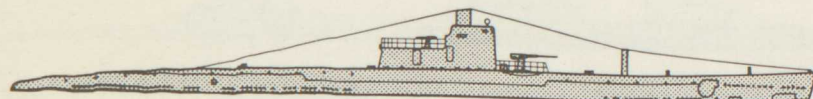
USSR



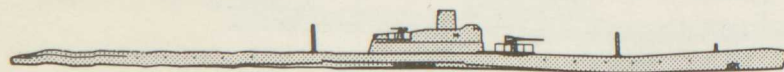
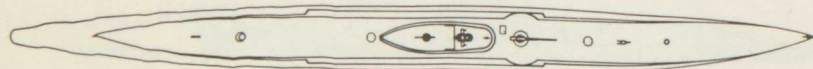
39. "K-1" CLASS (Inset shows bow variation) 320'



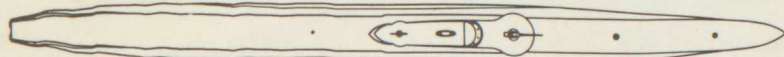
40. "P" CLASS 287'



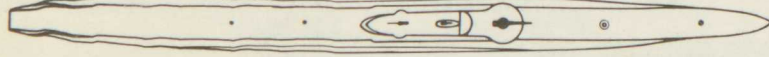
41. "D" CLASS 282'



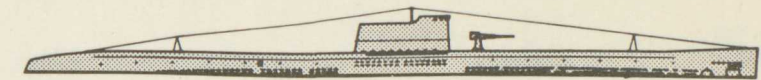
42. "L-III" CLASS 266'



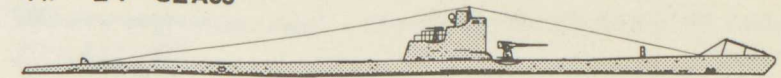
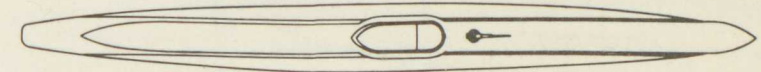
43. "L-II" CLASS 266'



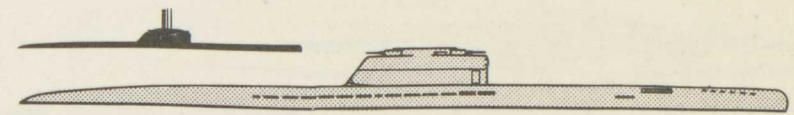
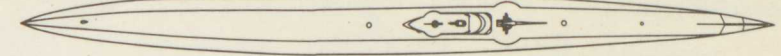
USSR (CONT'D.)



44. "L-I" CLASS 256'



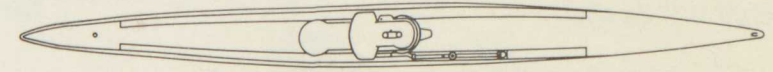
45. "S-1" CLASS 255'



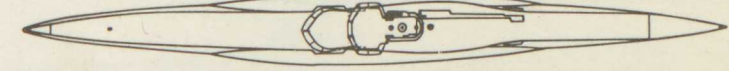
46. German "TYPE XXI" CLASS (Silhouette shows snorkel and periscopes raised.) 252'



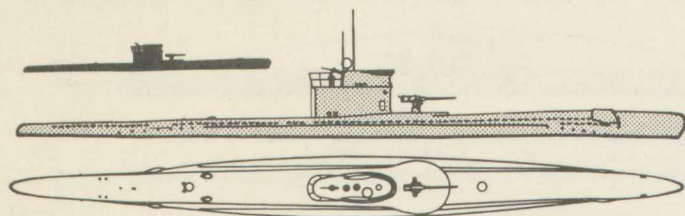
47. German "TYPE IX-C" CLASS (Silhouette shows snorkel and periscopes raised.) 252'



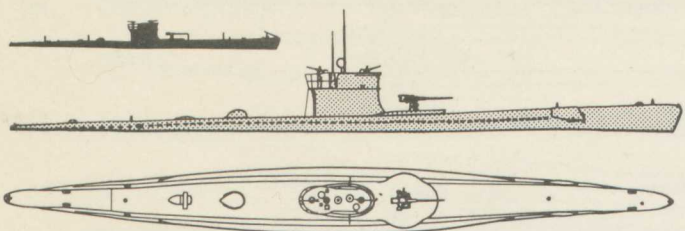
48. German "TYPE VII-C" CLASS (Snorkel operates in similar manner to that of "TYPE IX-C".) 221'



USSR (CONT'D)



49. Italian TRITONE CLASS (Silhouette shows periscopes retracted.) 207'



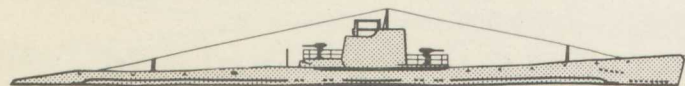
50. Italian ACCIAIO CLASS (Silhouette shows periscopes retracted.) 197'



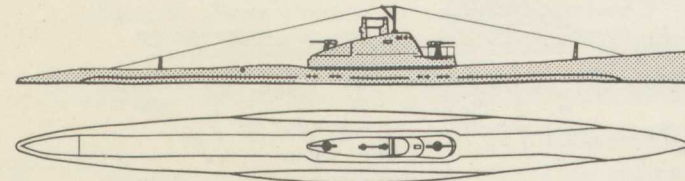
51. Estonian LEMBIT CLASS 195'



52. "SHCH IV" CLASS 200'

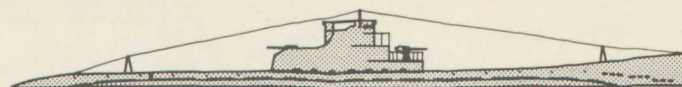


53. "SHCH IIIa" CLASS 192'

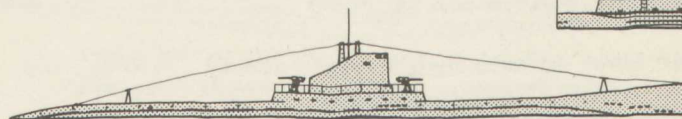


54. "SHCH III" CLASS 192'

USSR (CONT'D)



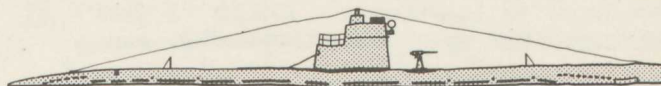
55. "SHCH IIa" CLASS 192'



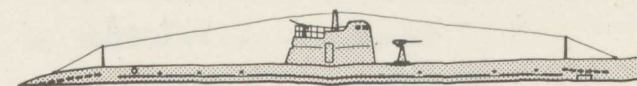
56. "SHCH II" CLASS (Inset shows conning tower variation.) 192'



57. "SHCH I" CLASS 187'



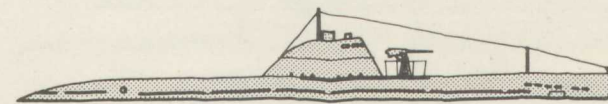
58. "M-V" CLASS 175'



59. "M-IV" CLASS 146'

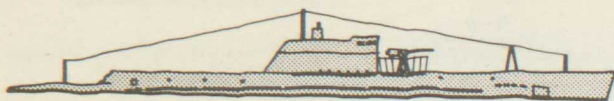


60. "M-III" CLASS 146'



61. "M-II" CLASS 124'

USSR (CONT'D.)



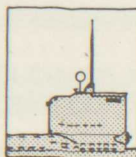
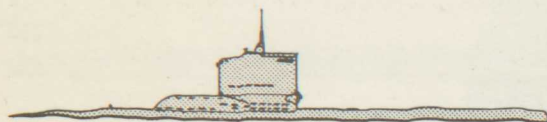
62. "M-1" CLASS

124'



63. "Holland H" CLASS

150'

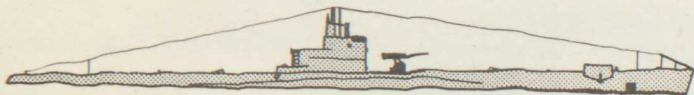


64. German "TYPE XXIII" CLASS (Inset shows RDF loop and periscope raised.)

114'

Note: The remainder of this sighting guide is arranged alphabetically by country.

ARGENTINA



65. SALTA CLASS

227'

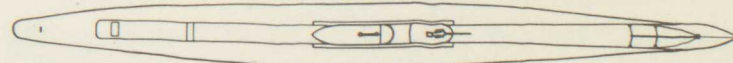
BRAZIL



66. Italian PERLA CLASS

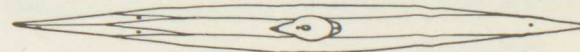
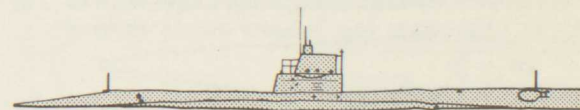
198'

CHILE



67. British "O" CLASS

275'



68. "Holland H" CLASS

150'

DENMARK



69. British UNITY CLASS - 1st variation

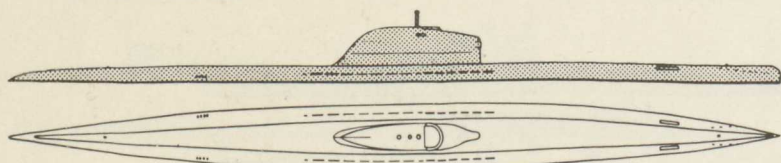
205'



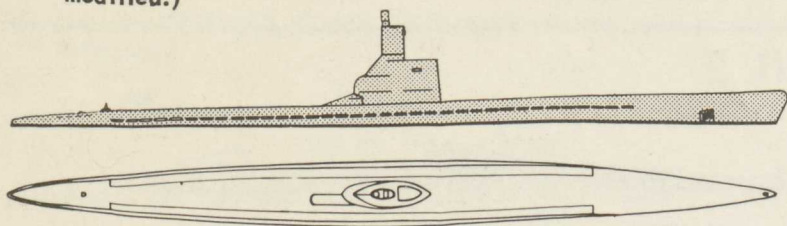
70. British UNITY CLASS - 2nd variation

205'

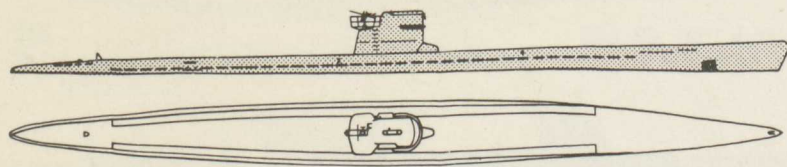
FRANCE



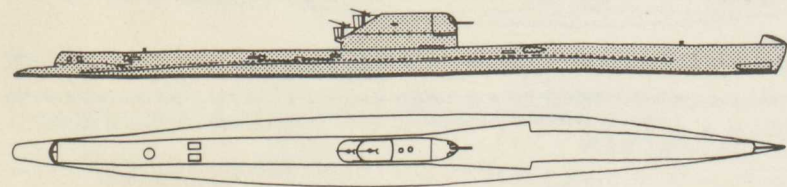
71. ROLAND MORILLOT (German "TYPE XXI" CLASS modified.) 252'



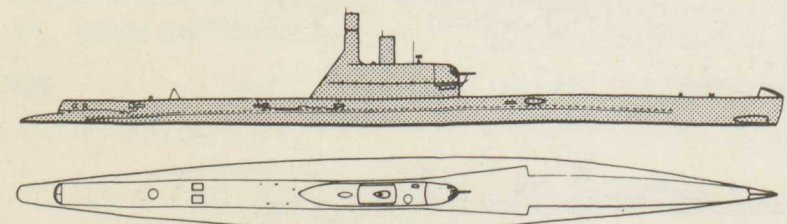
72. BOUAN (German "TYPE IX-C" modified.) 252'



73. BLAISON (German "TYPE IX-B" CLASS.) 252'

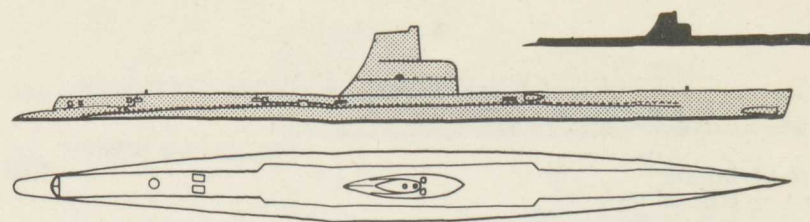


74. L'AURORE CLASS - 1st variation 241'



75. L'AURORE CLASS - 2nd variation 241'

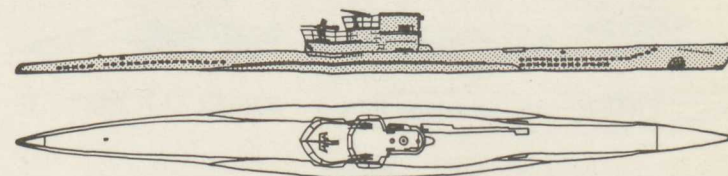
FRANCE (CONT'D)



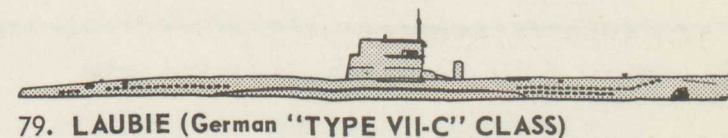
76. L'AURORE CLASS - 3rd variation (Silhouette shows minor bow variation.) 241'



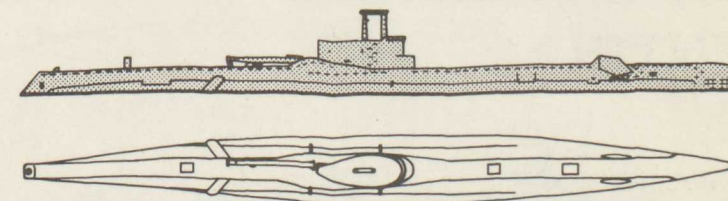
77. JUNON (DIANE CLASS) 223'



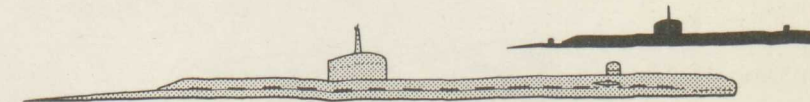
78. MILLÉ (German "TYPE VII-C" CLASS) 221'



79. LAUBIE (German "TYPE VII-C" CLASS) 221'

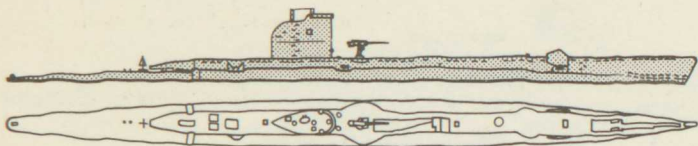


80. SIRENE (British "1940 S" CLASS) 217'



81. British "1940 S" CLASS - As modified for target and training duties. 217'

GREECE

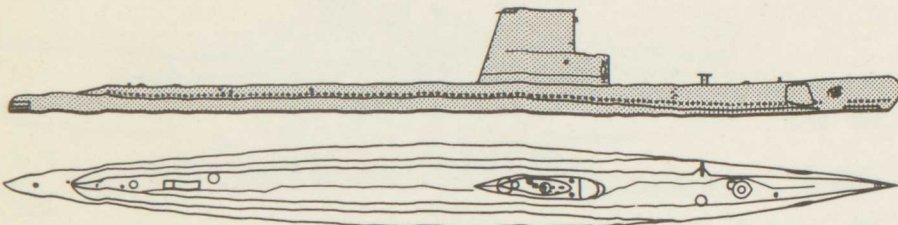


82. British UNITY CLASS

205'

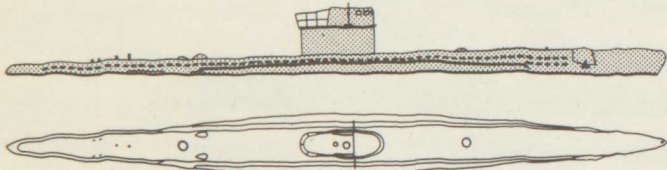


ITALY



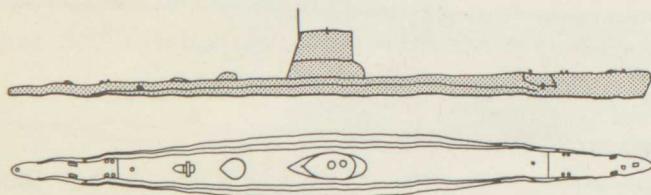
83. U. S. GATO (SS 212) CLASS - Modernized

308'



84. VORTICE (TRITONE CLASS modified)

207'

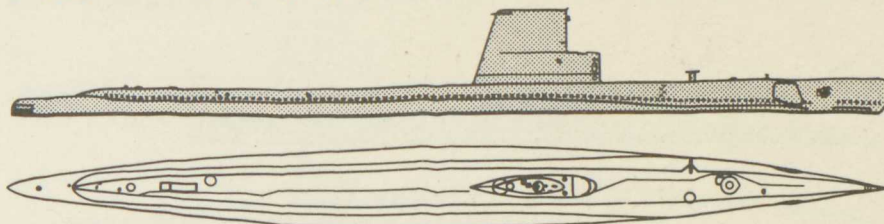


85. GIADA (ACCIAIO CLASS modified)

197'

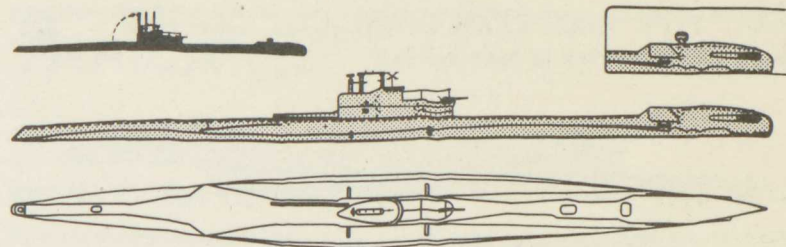
Note: Italy also has the BARIO, a TRITONE CLASS submarine. Appearance is unknown.

NETHERLANDS



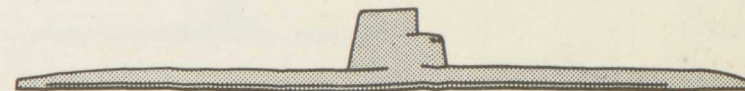
86. U. S. BALAO (SS 285) CLASS - Modernized

308'

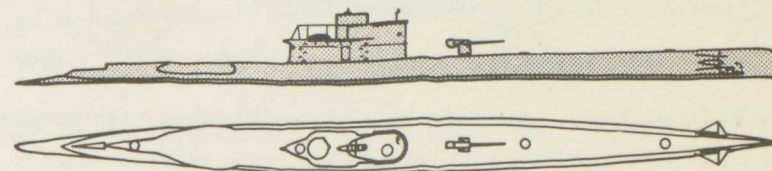


87. British TRITON CLASS (Inset shows bow variation, silhouette shows snorkel and periscopes raised.)

274'

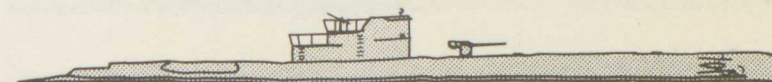


88. NEW CLASS - PROVISIONAL DRAWING



89. O-21 CLASS (Deck guns may have been removed.)

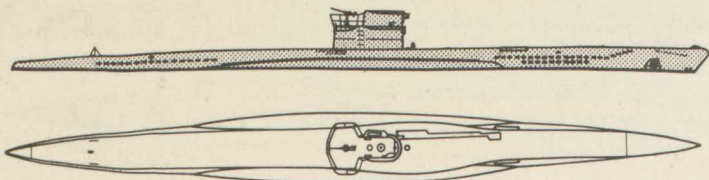
254'



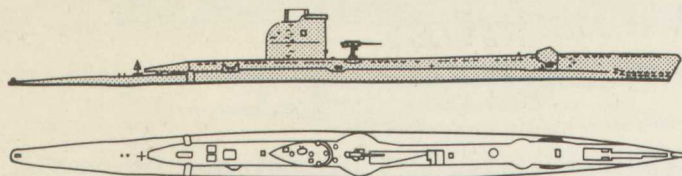
90. O-27 (Fitted with German type conning tower.)

254'

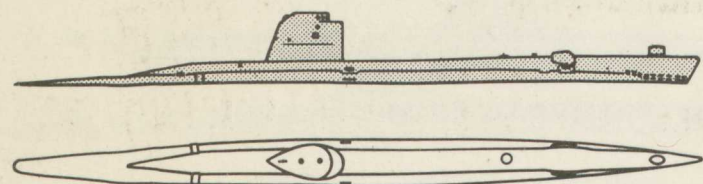
NORWAY



91. German "TYPE VII-C" CLASS (KYNN shown, other Norwegian units may vary in appearance.) 221'

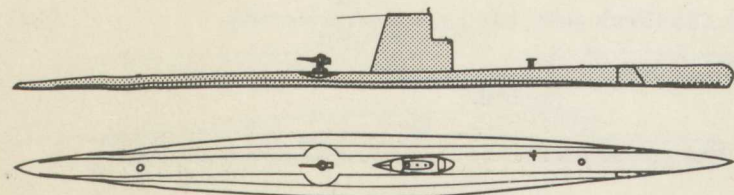


92. British UNITY CLASS - 1st variation 205'



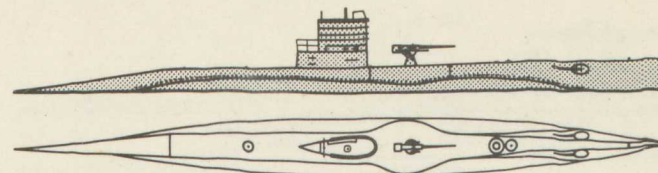
93. British UNITY CLASS - 2nd variation 197'

PERU



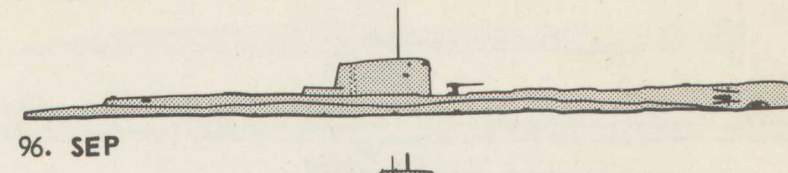
94. TIBURON CLASS 243'

PERU (CONT'D)

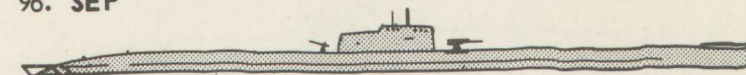


95. "Modified R Boat" CLASS 200'

POLAND

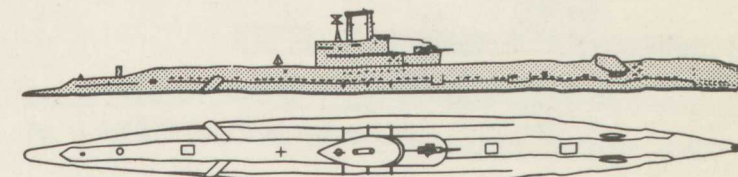


96. SEP 275'



97. WILK CLASS 256'

PORTUGAL

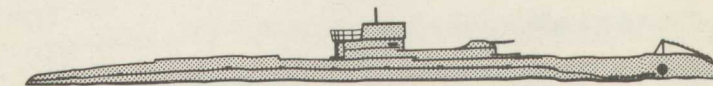


98. British "1940 S'" CLASS 217'

RUMANIA

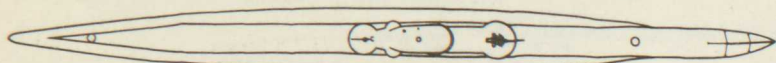
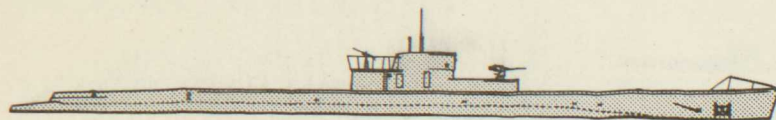


99. MARSUINUL 190'



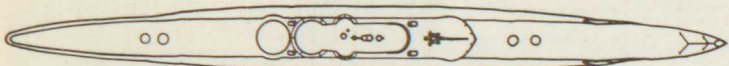
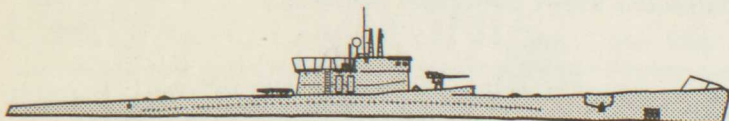
100. DELFINUL 225'

SPAIN



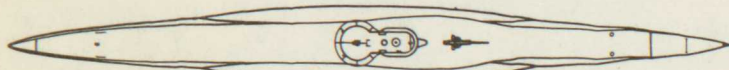
101. "D-1" CLASS

276'



102. Italian ARCHIMEDE CLASS

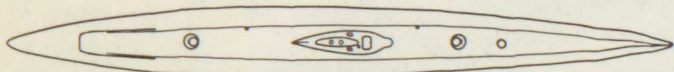
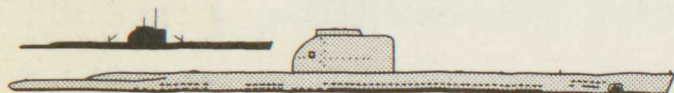
231'



103. G-7 (German "TYPE VII-C" CLASS)

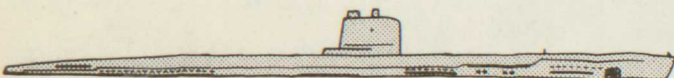
221'

SWEDEN



104. SJÖLEJONET CLASS (Silhouette shows periscopes raised.)

204'



105. NÄCKEN CLASS

204'

SWEDEN (CONT'D.)



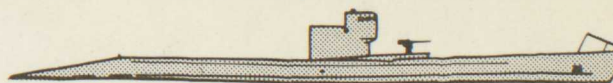
106. HAJEN CLASS - PROVISIONAL DRAWING



107. "U" CLASS

164'

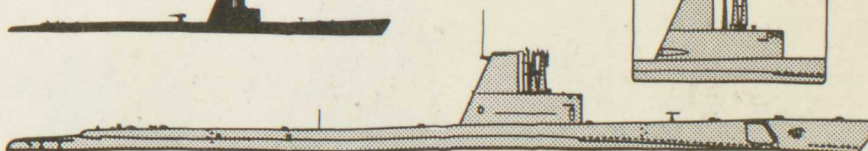
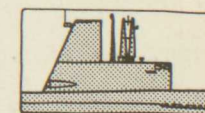
THAILAND



108. MATCHANU CLASS

167'

TURKEY



109. U. S. GATO (SS 212) CLASS - Modernized
(Some units carry deck guns; arrangement varies, see silhouette. Inset shows conning tower variation.)

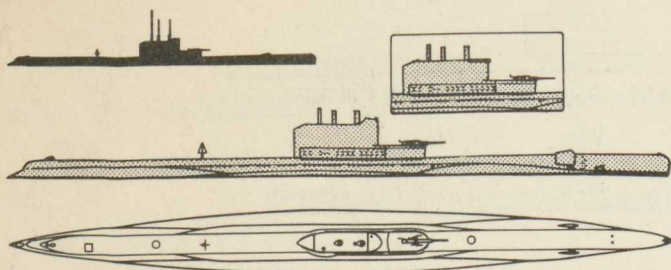
312'



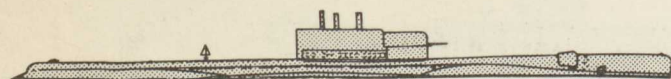
110. "AY" CLASS (Silhouette shows periscopes raised.)

262'

TURKEY (CONT'D)

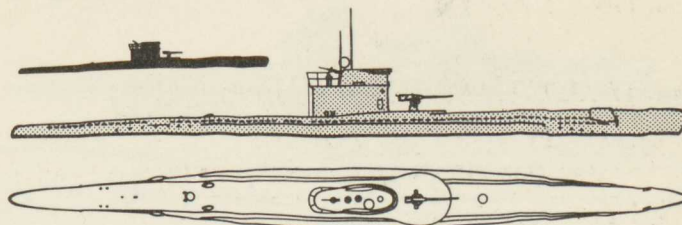


111. ORUC REIS CLASS - 1st variation (Inset shows conning tower variation, silhouette shows periscopes raised.) 202'

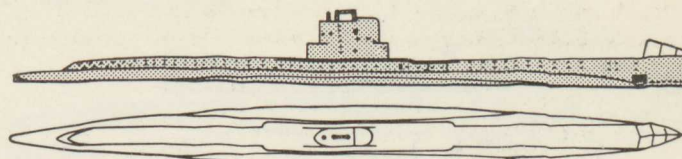


112. ORUC REIS CLASS - 2nd variation 202'

YUGOSLAVIA



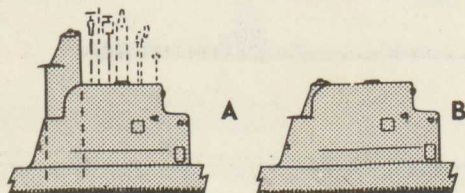
113. SAVA (Silhouette shows periscopes retracted.) 207'



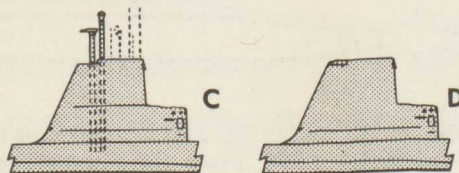
114. TARA (Modified "L" CLASS) 235'

SNORKEL TYPES

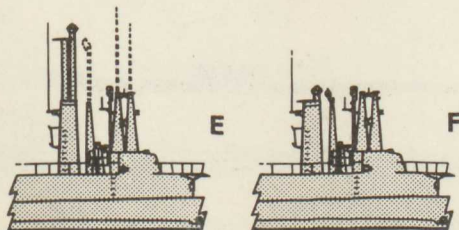
I. Telescopic snorkel of U. S. TANG CLASS. Shown in "run-out" position in A and secured in B.



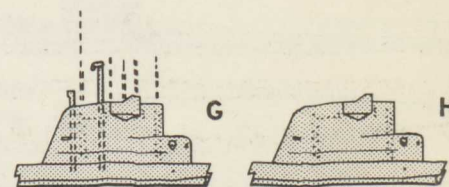
II. Telescopic snorkel of U. S. "GUPPY" type. Shown "run-out" in C and secured in D.



III. Telescopic snorkel fitted on U. S. submarines retaining "FLEET-TYPE" conning tower. "Run-out" in E, secured in F.



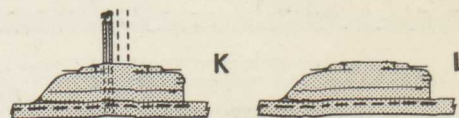
IV. Telescopic snorkel of British "T-CONVERSION" CLASS. "Run-out" in G, secured in H.



V. Folding snorkel of British "A" CLASS. Shown in upright or operating position in I and secured in J.



VI. Telescopic snorkel of ex-German "TYPE XXI" CLASS. "Run-out" in K and secured in L.



VII. Folding snorkel of ex-German "TYPE IX-C" CLASS. Shown in upright position in M and secured in a slot out into the deck in N.



GREAT BRITAIN

LATE ADDENDA

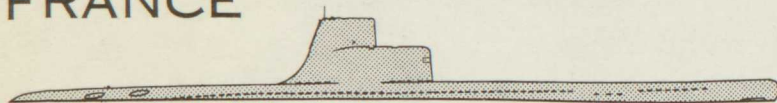


115. EXPLORER CLASS - PROVISIONAL DRAWING 209'

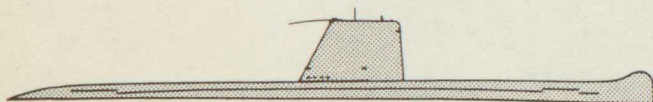
BULGARIA - See USSR section.

CHINA, COMMUNIST - See USSR section.

FRANCE



116. NARVAL CLASS 244'

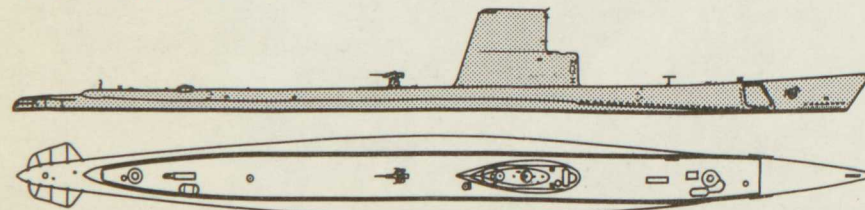


117. ARETHUSE CLASS - PROVISIONAL DRAWING 162'

POLAND - See also USSR section.

RUMANIA - See also USSR section.

TURKEY



118. "FLEET-TYPE SNORKEL" 312'

