

TOPIC -

**“ BRIEF OVERVIEW OF
NAVAL BATTLE OF
TSUSHIMA DURING
RUSSO-JAPANESE WAR
1904 - 1905 “**

SCIENCE, TECHNOLOGY & SOCIETY

{ “STS” }

BY

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**STRAITS OF TSUSHIMA
DIVIDED JAPAN FROM
KOREA**

**RUSSO-JAPANESE WAR
OF 1904 – 1905 WAS
“ *BIGGEST & MOST
STUNNING* ” WORLD HAD
EVER KNOWN UP TO
THAT TIME**

ANTICIPATED TO WW I IN MANY WAYS

**RUSSIANS – 275,000 INFANTRYMEN,
16,000 CALVARY & 1219
ARTILLERY PIECES**

JAPANESE – ABOUT 200,000 TROOPS

**BREECH-LOADING RIFLES, MACHINE
GUNS, NEW QUICK-FIRING ARTILLERY
TORPEDOS & MINES**

**FIRST BIG NAVAL BATTLE MAKING
USE OF NEW LARGER BATTLESHIPS**

MANY LESSONS LEARNED FROM IT!!!

WWW.RUSSOJAPANESEWAR.COM

**IS INVALUABLE FOR TREMENDOUS
AMOUNT OF DETAILED
INFORMATION**

MAPS / CHARTS

PERSONALITIES

NEWS / UPDATES

PRE-WAR

WAR DECLARED

LAND CAMPAIGN

NAVAL CAMPAIGN

ETC.

ALL NEW FEARS OF BATTLESHIP
SECURITY APPEARED TO BE
CONFIRMED IN RUSSO-JAPANESE WAR

EFFECTIVE TORPEDO & MINE USE BY JAPANESE
SPOTTING FALL OF SHOT ALMOST IMPOSSIBLE
LONG RANGE FIGHTING – RUSSIANS OPENED
ACCURATE FIRE AT 18,000 YARDS!!!
[10 MILES – 3000 YARDS OR ABOUT 2 MILES
STILL STANDARD RANGE FOR BRITISH BATTLE
PRACTICE AT THAT TIME]

CLEAR – LONG RANGE HEAVY GUNS COULD BE
DECISIVE BEFORE SMALLER GUNS COULD
COME INTO RANGE

[P#9, RICHARD HOUGH, THE GREAT WAR AT SEA 1914-1918]

**ONLY BRITAIN HAD FACILITIES &
NEED TO PRODUCE ALL-BIG GUN
BATTLESHIPS WITHOUT DELAY**

**SET A PACE NO OTHER NATION COULD
MATCH**

**IN ABOUT A YEAR FIRST DREADNOUGHT
BUILT BY BRITISH**

**DREADNOUGHT HAD A BROADSIDE TWICE
AS MANY HEAVY GUNS AS ANY SHIP
AFLOAT**

**DREADNOUGHT SPEED 21 KNOTS, WHEN
FEW BATTLESHIPS COULD MAKE
18 KNOTS**

**CROSSED ATLANTIC AT OVER 17 KNOTS
WITH NO BREAKDOWNS**

**GERMAN NAVAL AUTHORITIES STUNNED
& TEMPORARILY STOPPED
CONSTRUCTION ON SHIPS THAT
WOULD NOW BE OBSOLETE!**

[THE GREAT WAR AT SEA 1914 – 1918, RICHARD HOUGH, P10]

**BUT COST OF CONSTRUCTION OF DREADNOUGHT
HIGH & COST OF LOSS IN BATTLE HIGH**

SOME FELT MORE CHEAPER SHIPS BETTER

**DREADNOUGHT WIPE OUT AT ONE STROKE
SUPERIORITY OF NUMBERS OF SHIPS
OF BRITAIN SINCE SHE MADE OTHER
SHIPS OBSOLETE!!!**

BUT ALL BIG GUN SHIP WAS INEVITABLE

BRITISH BEAT ALL OVENIGHT IN BUILDING IT!!!

[THE GREAT WAR AT SEA 1914 – 1918, RICHARD HOUGH, P10-11]

BRIEF, SIMPLIFIED ASPECTS
OF TSUSHIMA NAVAL BATTLE

JAPANESE FLEET SAILING SOUTH
IN ONE LINE – ADMIRAL TOGO

RUSSIAN FLEET SAILING NORTH
IN TWO LINES – ADMIRAL
ROZHDESTVENSKI

**WHILE OUT OF RANGE, ADMIRAL TOGO
TURNS AWAY FROM RUSSIAN FLEET**

**THEN HE SHARPLY TURNS TOWARDS
THEM IN LINE & NOT ALL SHIPS AT ONCE,
SO HE LEADS THE CHARGE**

HE “CROSSES THE T**” OF THE 2 LINES OF
RUSSIAN SHIPS NOW IN RANGE**

HIS SHIPS ARE **FASTER SINCE HAVE LESS
COAL**

**THIS TACTIC ALLOWS HIM TO SHOOT
BROADSIDES AT THE RUSSIAN SHIPS,
WHILE THEY CAN MOSTLY ONLY USE
THEIR FORWARD POINTING GUNS**

“A LONG USED CLASSIC TACTIC!”

**THIS TACTIC ALSO PREVENTED THE
RUSSIAN FLEET FROM CONTINUING
NORTH TOWARD THE PORT OF
VLADIVOSTOK, THEIR GOAL**

**OSLYABYA RUSSIAN BATTLESHIP
ONLY ARMORED BATTLESHIP SUNK
BY GUNFIRE ALONE UP TO THAT TIME**

**AFTER 5 HOURS OF BATTLE, JAPANESE
FLEET RETIRED**

**BUT THAT NIGHT, JAPANESE TORPEDO
BOATS CLOSED IN ON THE RUSSIAN
FLEET LIKE “JACKALS GATHERING
AROUND A CARCASS,” SO CLOSE THAT
THE RUSSIAN SHIPS COULD NOT BRING
THEIR GUNS TO BEAR ON THEM**

THE NEXT MORNING, THE JAPANESE FLEET HAD FORMED A GREAT CIRCLE AROUND THE RUSSIAN FLEET

- THE RUSSIANS TRIED TO SURRENDER**
- IT WAS FINALLY ACCEPTED BY TOGO**

RESULTS:

**OF 12 MAJOR RUSSIAN SHIPS, 8 SUNK, 4 CAPTURED
[JAPANESE ALSO HAD 12 MAJOR SHIPS]**

**RUSSIAN CAUALTIES 4830 KILLED / DROWNED
ABOUT 7000 TAKEN PRISONER
1862 INTERNED BY NEUTRAL COUNTRIES**

**JAPANESE LOST 3 TORPEDO BOATS, SEVERAL
OTHER SHIPS BADLY DAMAGED BUT
SERVICABLE
ONLY 110 KILLED & 590 WOUNDED**

BUT RUSSIAN FLEET:

**MANY SAILORS NOT TRAINED
& FIRST TIME ON SUCH SHIPS**

OVERLOADED WITH COAL

ARMOR DEFICIENT

**JAPANESE 12 MAJOR SHIPS
ONLY USED ABOUT
0.5 HOUR IN THIS BATTLE!**

**BUT THE BATTLE TOOK
10 YEARS OF PREPARATION!**

**TOGO'S TURN TACTIC BECAME KNOWN
AS "TOGO TURN"**

**SUCH A TACTIC WAS KNOWN IN JAPANESE
NAVY FOR OVER 700 YEARS**

**ADMIRAL TOGO BECAME THE "WAR GOD" OF THE
JAPANESE NAVY**

**GENERAL NOGI WAS THE HERO OF THE
ARMY FIGHTING FOR PORT ARTHUR**

**ACTUALLY, THERE WERE 7 STEPS DEVISED
FOR THE DESTRUCTION OF THE
RUSSIAN NAVY BY COMMANDER AKIYAMA**

**THE BATTLE OF TSUSHIMA LEFT
RUSSIA GRIEF-STRICKEN,
ANGRY & REBELLIOUS**

**HOWEVER, JAPANESE WERE
OVEREXTENDED IN MANY WAYS
BY THIS WAR**

**RUSSIANS CONTINUED THEIR MILITARY
BUILDUP IN THAT REGION**

**SO VICTORIOUS JAPANESE HAD TO ACCEPT
THE PEACE TERMS OF THE DEFEATED
RUSSIANS!!!**

REFERENCE:

ALL FROM THE BOOK “THE TIDE AT SUNRISE”

PAGES #494 – 522+

**OTHER LONGER &
MORE DETAILED**

**POWERPOINT
PRESENTATIONS**

OF COURSE !