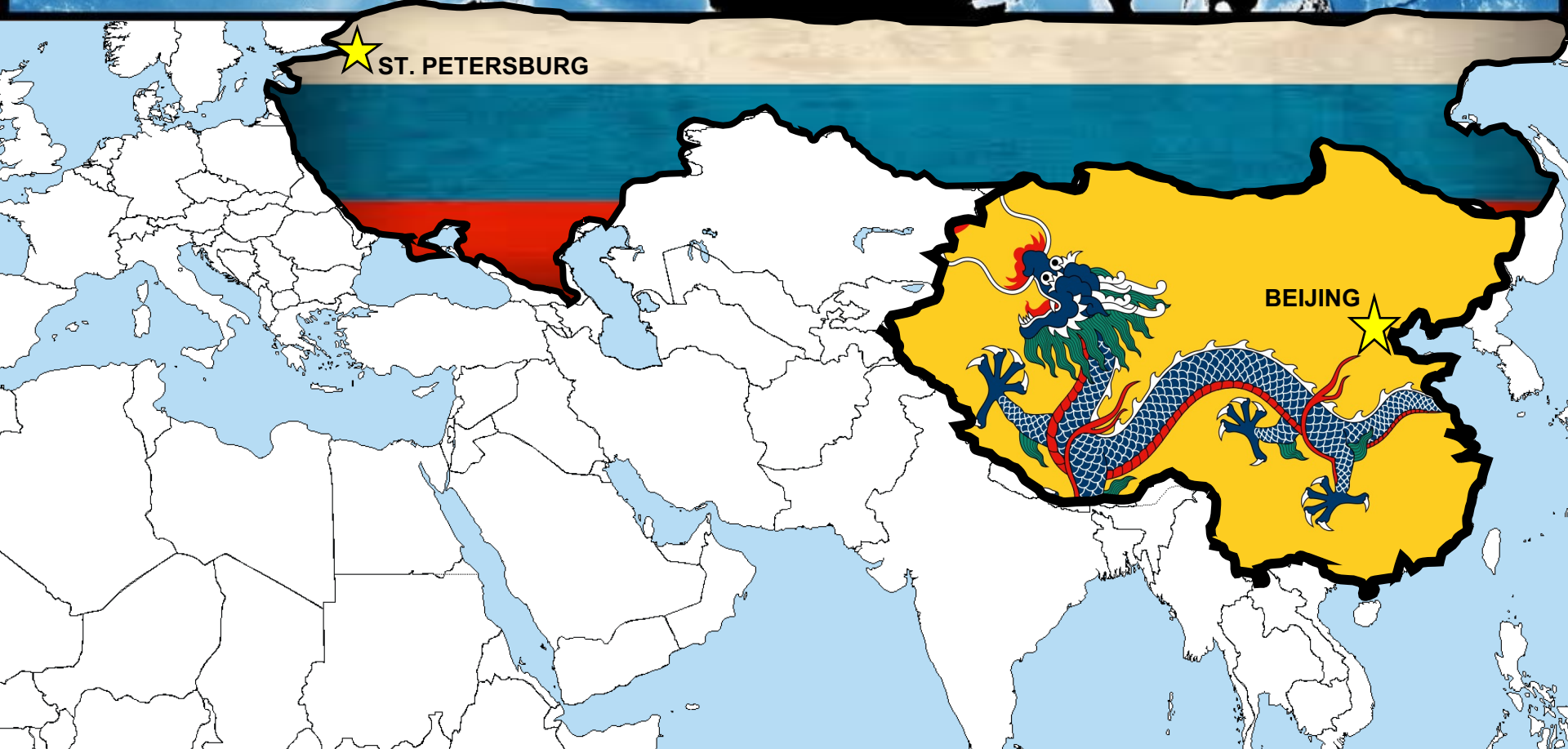


# GEOGRAPHY



★ ST. PETERSBURG

★ BEIJING

**RUSSIAN  
EMPIRE**



LAND-BASED EMPIRES  
c. 1450-1750

c. 1450-1750

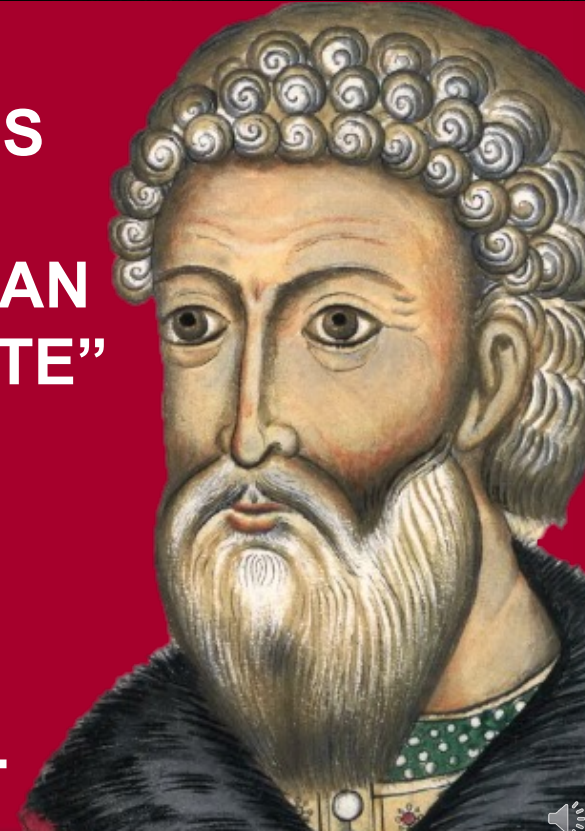
- **IVAN III HAS NOW:**
  - **GATHERED THE RUSSIAN LANDS**
  - **DEFEATED THE LITHUANIANS TO THE WEST**
  - **WHO IS LEFT TO COUNTER HIS RISING POWER?**



# **GOLDEN HORDE**



- ***REMEMBER THEM?***
- **IVAN III BECAME GRAND PRINCE ON HIS OWN ACCORD**
  - **NOT APPOINTED BY THE GREAT KHAN**
- **IVAN WAS NO LONGER PAYING “TRIBUTE”**
  - **HE DID GIVE “PRESENTS”**
- **THE PRESENTS WERE NO LONGER ENOUGH FOR KHAN AHMAD...**
- **HE SENT AN EMISSARY TO IVAN III**
  - **DEMANDED TRIBUTE IN A LETTER...**





***“THE GRAND PRINCE WAS NOT AFRAID. HE TOOK THE BASMA (A SEAL WITH THE IMAGE OF THE KHAN), SPIT ON IT, BROKE IT, THREW IT ON THE GROUND, AND STOMPED IT WITH HIS FEET.”***

**1480:MONGOLS SENT THEIR TROOPS TO ATTACK...**



**THEY MET ON EITHER SIDE OF THE UGRA RIVER**

# ONCE THE RIVER FROZE...



## THE MONGOLS RETREATED ACROSS THE STEPPE

- THAT'S NOT A TYPO. *THE MONGOLS RETREATED...*
- KHAN AHMED WAS KILLED 2 MONTHS LATER BY ANOTHER KHAN
- BY 1500, THE MONGOLS ARE NO LONGER A PROBLEM FOR IVAN III

# IVAN III's WIFE, MARIA DIED IN 1467... POPE PAUL II HAD AN IDEA:



“IF I BROKER THIS MARRIAGE BETWEEN RUSSIA & THE (FORMER) BYZANTINE PRINCESS; THE RUSSIANS WILL UNITE WITH THE CATHOLICS AND JOIN FORCES AGAINST THE TURKS. THEN, THEY WILL RE-UNITE ERASING THE 450+ YEARS SINCE THE GREAT SCHISM...”



**IVAN III**



**ZOE\* (SOPHIA)**

*\*ZOE IS THE GREEK, SOPHIA IS THE LATIN. SINCE THE FALL OF CONSTANTINOPLE, SHE WAS ADOPTED BY THE POPE AND LIVED IN ROME. SHE HAD CONVERTED FROM EASTERN ORTHODOX TO CATHOLICISM*

**THE POPE HAD SOPHIA PAINTED. HE THEN SENT THE PAINTING TO MOSCOW...**



**IVAN AGREED! (THE ACTUAL PAINTING IS LOST TO HISTORY)**

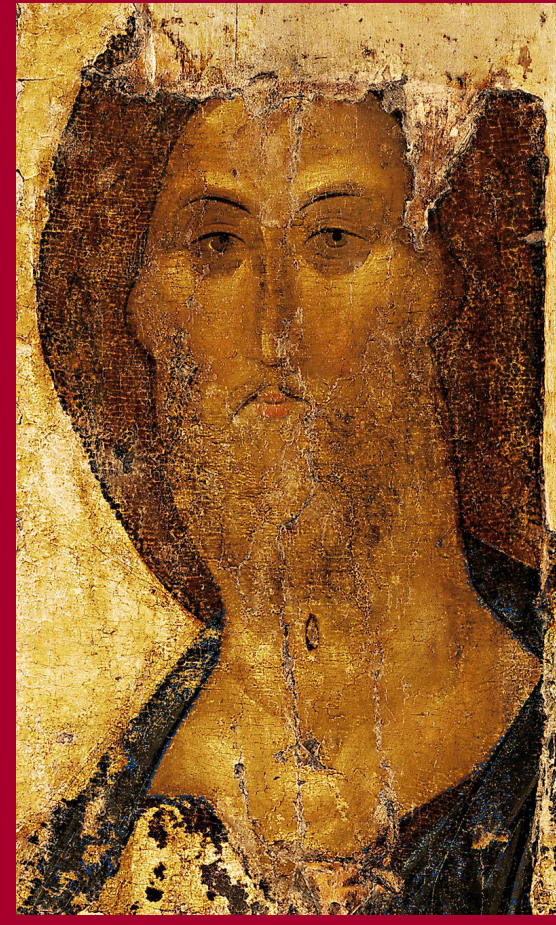
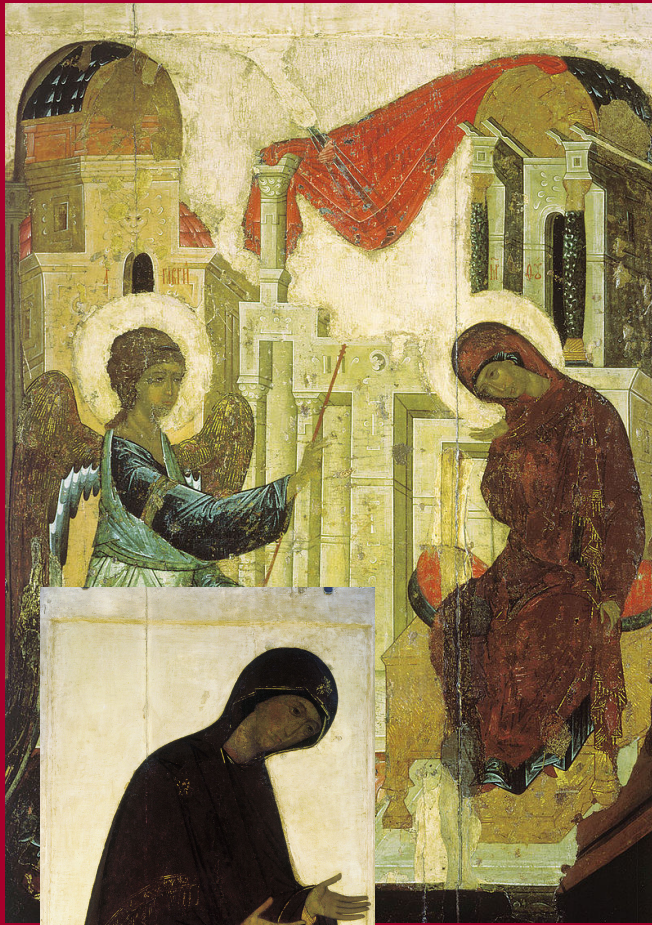
WHICH IS TERRIBLE BECAUSE THE TWO PAPAL PAINTERS AT THE TIME AND WOULD HAVE MOST LIKELY PAINTED SOPHIA'S PORTRAITS ALSO PAINTED THESE:



(REMEMBER, IT'S THE RENAISSANCE IN ITALY RIGHT NOW...)



HERE ARE SOME IMAGES FROM THE "GREATEST RUSSIAN PAINTER" OF THE TIME:



THE PAINTING OF SOPHIA CAUSED "AN EXTREME SURPRISE IN THE COURT"

I'M NOT GOING TO BELABOR THE POINT BUT HERE IS A SIDE-BY-SIDE COMPARISON:



**MOSCOW:**  
**ANDREI RUBLEV**  
**VIRGIN & CHILD**



**ROME:**  
**PIETRO PERUGINO**  
**DECENVIRI ALTARPIECE**

- **THEY WERE MARRIED BY THE POPE IN ROME BY PROXY (IVAN WASN'T THERE)**
- **SOPHIA & CARDINAL BESSARION LEFT ROME FOR MOSCOW**
  - **TRIP TOOK 4 MONTHS; SHE CARRIED A DOWRY OF A LIBRARY TO RUSSIA**
  - **IVAN III STOPPED THE PAPAL DELEGATION AT THE GATES OF MOSCOW**
    - **CATHOLIC PAPAL LEGATION CARRIED A LATIN CROSS WITH HIM**



- **IVAN & ZOE WERE MARRIED BY THE MOSCOW METROPOLITAN IN 1472**
- **ZOE RETURNED TO HER ORTHODOX ROOTS; POPE'S PLAN=FAIL**
  - **IT IS SAID SHE CONVINCED IVAN TO ABANDON TRIBUTARY RELATIONSHIP WITH THE**



# RUSSIA QUICKLY TOOK TO CALLING ITSELF THE 3<sup>RD</sup> ROME:



**ST. GEORGE  
OF MUSCOVY**



**PALAIOLOGOS  
FAMILY**  
*LAST RULING DYNASTY OF THE  
BYZANTINES (ZOE'S FAMILY)*



**CREST OF  
RUSSIAN EMPIRE**  
*FIRST USE IN 1472 (SAME  
YEAR IVAN III MARRIED ZOE)*

- WITH ZOE BEING THE NIECE OF THE LAST BYZ EMPEROR (CONSTANT. XI) MOST INHERITANCE LAWS IN EUROPE ALLOWED FOR RUSSIA TO CLAIM THAT HIS OFFSPRING WERE THE HEIRS TO THE FALLEN EMPIRE (BYZANT.)
  - ZOE'S BROTHER SOLD HIS TITLES TO FERDINAND & ISABELLA (SPAIN)
  - ZOE'S BROTHER (ANDREAS) DIED IN 1502; NO CHILDREN

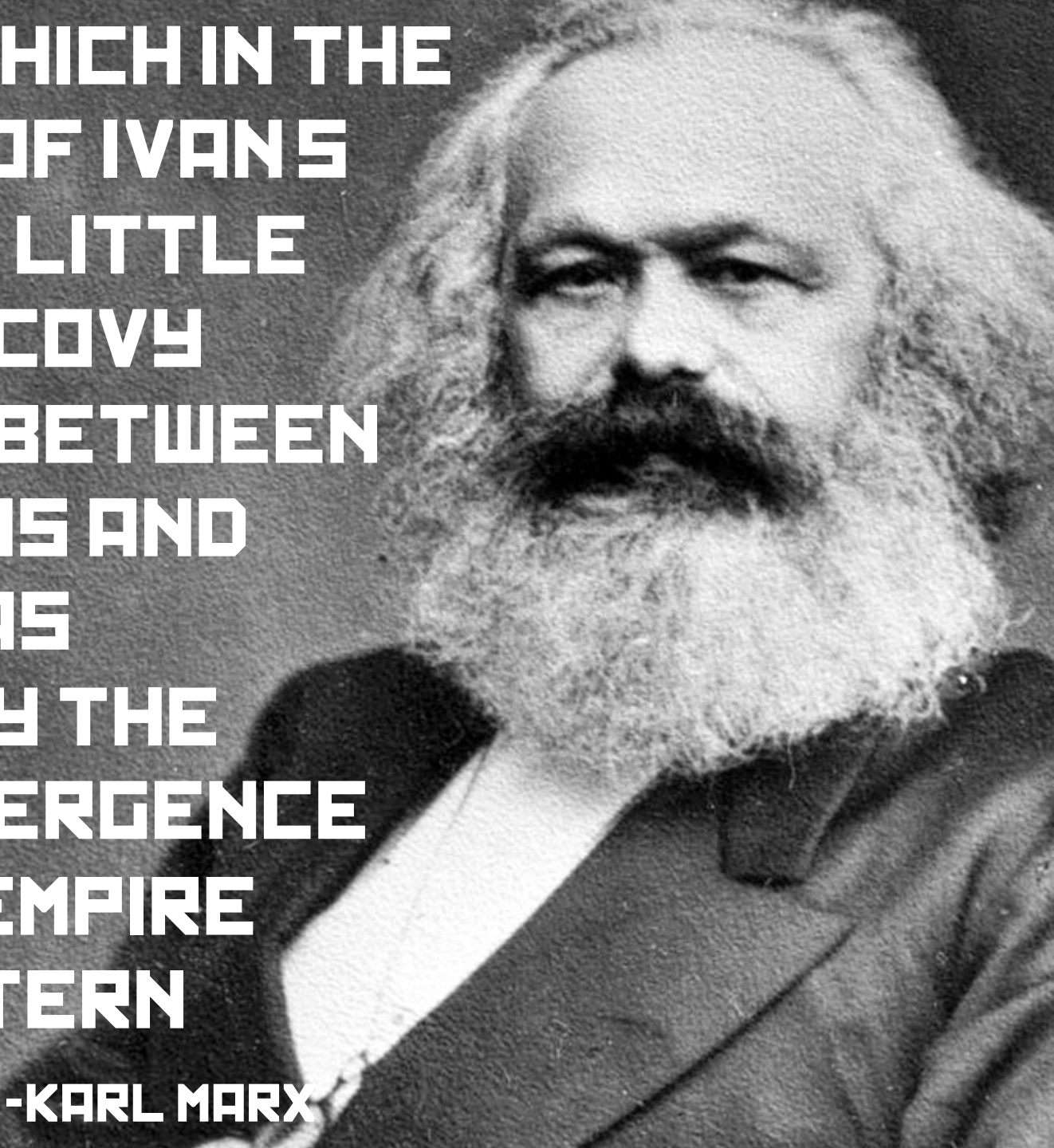


←RUSSIAN MONK PHILOTHEUS of PSKOV's LETTER LED TO THE IDEA BECOMING OFFICIAL. HE WROTE IT TO IVAN AND ZOE's HEIR, VASILI III:

**“TWO ROMES HAVE FALLEN. THE THIRD STANDS. AND, THERE WILL BE NO FOURTH NO ONE WILL REPLACE YOUR CHRISTIAN TSARDOM!”**

**“EUROPE, WHICH IN THE  
BEGINNING OF IVAN S  
RULE KNEW LITTLE  
ABOUT MUSCOVY  
SQUEEZED BETWEEN  
LITHUANIANS AND  
TATARS, WAS  
STUNNED BY THE  
SUDDEN EMERGENCE  
OF A HUGE EMPIRE  
ON ITS EASTERN  
BORDERS.”**

**-KARL MARX**



BETWEEN IVAN THE GREAT & IVAN GROZNY WAS VASILI THE ADEQUATE... HE DIED SO, NEXT UP:

# IVAN THE TERRIBLE:

HIS REIGN CAN BE DIVIDED  
INTO TWO PARTS:

← THE GOOD

THE →  
TERRIBLE



**IVAN IS CROWNED TSAR IN 1547. HE WENT ON TO GET REVENGE FOR HIS MOM:**

# **IVAN VASILYEVICH**



- **IVAN CROWNED TSAR AT 16 (1547)**
- **ARRESTED OR EXPELLED BOYARS WHO WORKED AGAINST HIM**
  - **AS A CHILD, HE WAS NEGLECTED OR KEPT FROM FRIENDS/FAMILY**
- **CHOSE THE TITLE:**  
**TSAR**
- **PREVIOUS RULERS USED IT OCASSIONALLY**
- **1<sup>ST</sup> TO BE CROWNED TSAR!**
  - **←USED ELABORATE BYZANTINE CEREMONY**

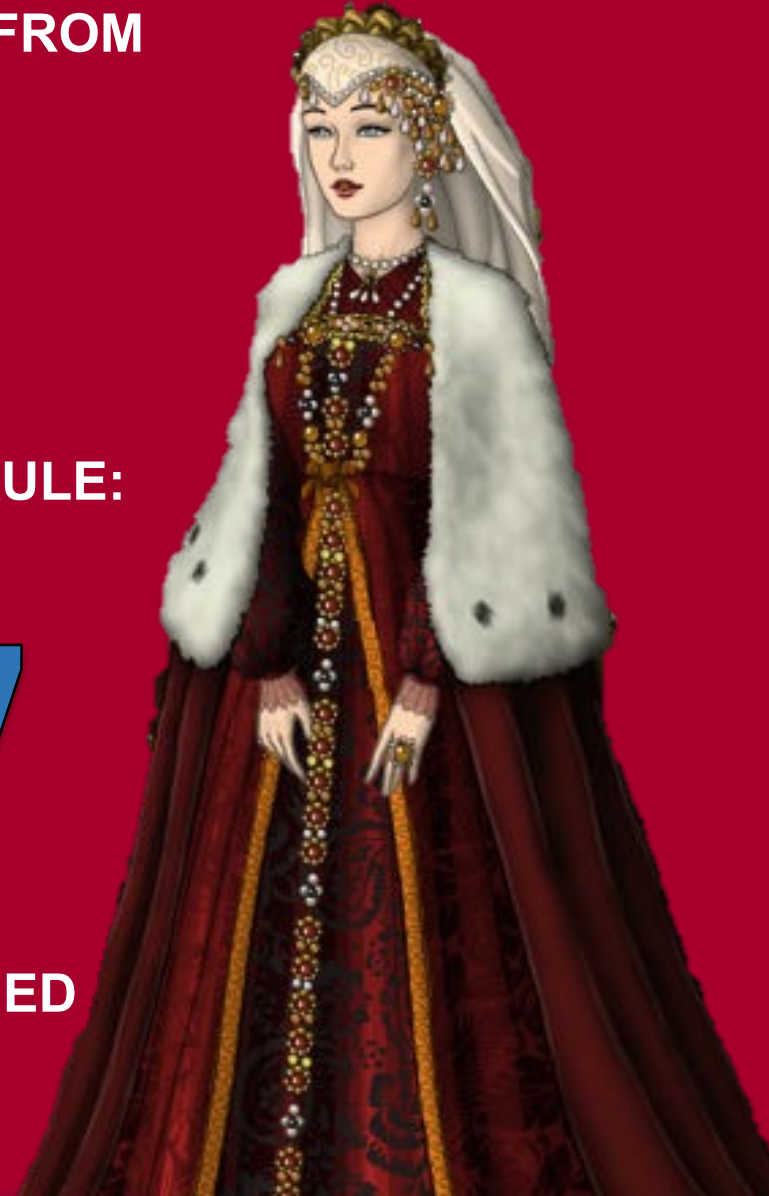
**1547 WAS A BIG YEAR FOR IVAN. HE WAS CROWNED TSAR & HE GOT MARRIED!**

# **IVAN VASILYEVICH**

- **IVAN TURNED DOWN FOREIGN BRIDES FROM THE MAJOR NEIGHBORING STATES:**
  - **TATARS**
  - **LITHUANIANS**
  - **SWEDES**
  - **AUSTRIANS**
- **INSTEAD HE CHOSE TO MARRY FROM WITHIN RUSSIA TO CONSOLIDATE HIS RULE:**
  - **HE MARRIED ANASTASIA**
  - **FROM A BOYAR CLAN NAMED**

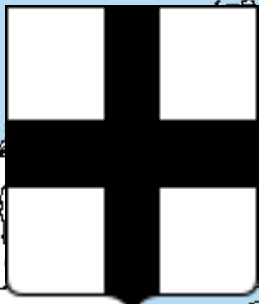
# **ROMANOV**

- **LATER THAT YEAR, MOSCOW BURNED**
  - **FOLLOWED BY A RIOT**
- **TSAR THOUGHT HE WAS BEING PUNISHED**
  - **REPENTED IN RED SQUARE**





# THE GOOD HALF EXPANSION



LIVONIAN ORDER

▪ AUTONOMOUS BRANCH OF TEUTONIC KNIGHTS (1558-1563)

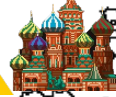


CRIMEAN KHANATE (1552)

ASTRAKHAN KHANATE (1554)

KAZAN KHANATE

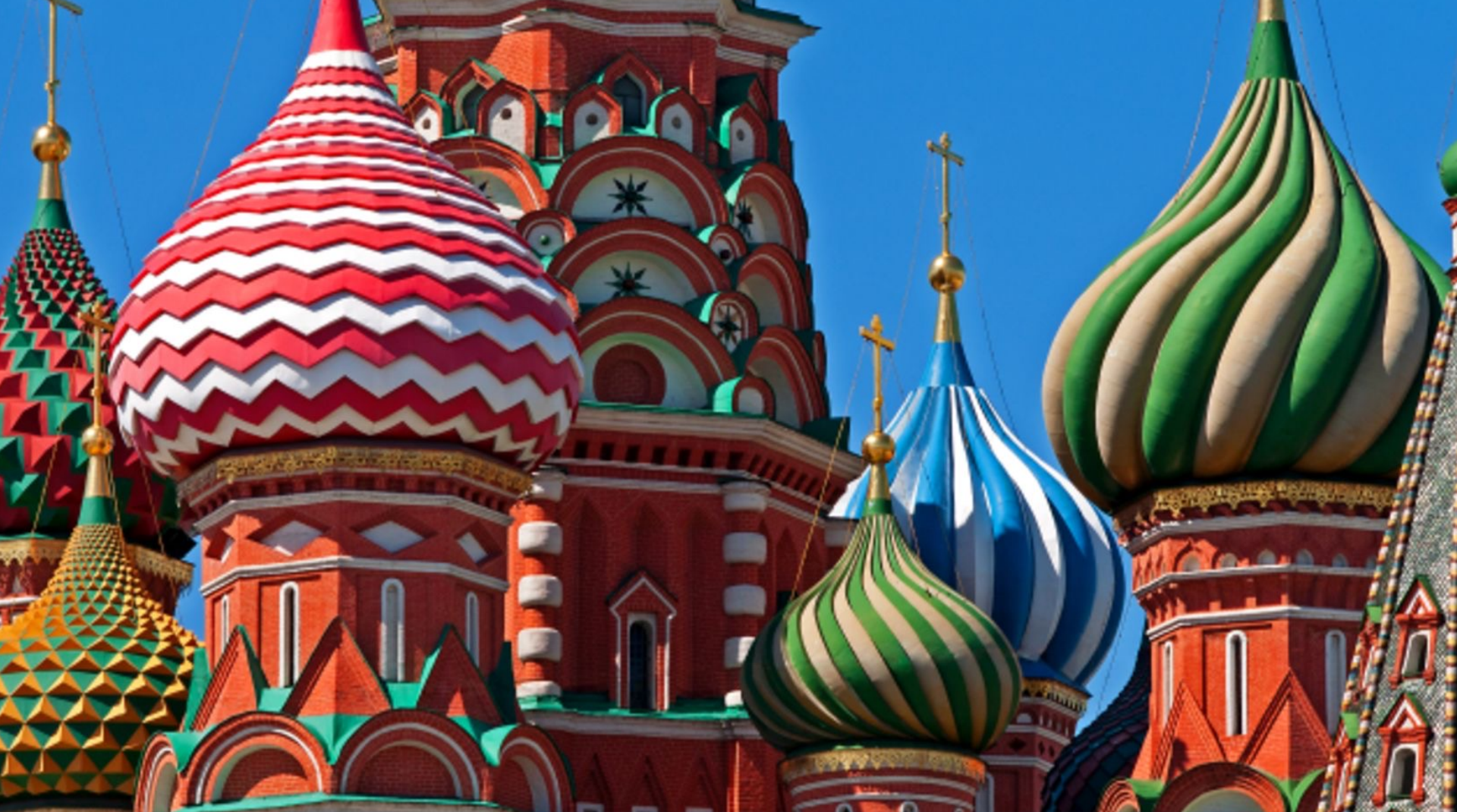
(1551)



# THE GOOD HALF ST. BASIL'S

- REAL NAME: "CATHEDRAL OF VASILY THE BLESSED (LOCAL SAINT)"
- BUILT FROM 1555-1600
- IVAN CALLED IT THE *NEW JERUSALEM*
- PATRONIZED BY IVAN IV TO COMMEMORATE THE VICTORY OVER THE KAZAN KHANATE IN 1551
- SUPPOSED TO LOOK LIKE A BONFIRE →
  - 8 CHURCHES SYMMETRICAL SIDE CHURCHES AROUND THE CORE





- **COLOR SCHEME TAKEN DIRECTLY FROM THE BIBLICAL DESCRIPTION OF THE HEAVENLY CITY IN *REVELATION*:**
- *And he that sat was to look upon like a jasper and a sardine stone: and there was a rainbow round about the throne, in sight like unto an emerald. And round about the throne were four and twenty seats: and upon the seats, I saw four and twenty elders sitting, clothed in white raiment; and they had on their heads crowns of gold.*

# THE GOOD HALF

# DIPLOMACY

- OPENED UP TRADE WITH THE WEST (ENGLAND, GERMANY)
- BROUGHT IN SPECIALISTS FROM THE WEST:
  - DOCTORS, TEACHERS, ARTISTS, CRAFTSMEN, ETC.
- BELOW, IVAN IS SHOWING OFF HIS TREASURES TO A BRITISH DIPLOMAT FROM ENGLAND
  - JEROME HORSEY WAS ENVOY FROM ELIZABETH I TO IVAN IV



**SEVERAL FACTORS**

**CONSPIRED TO**

**TURN OUR**

**REFORMIST**

**TSAR**

**INTO...**



**IVAN THE**



**TERRIBLE**

**IVAN THE**



**TERRIBLE**

**IVAN THE**



**TERRIBLE**



**IVAN THE**



**TERRIBLE**

**IVAN THE**



**TERRIBLE**

WHAT COULD CHANGE OUR BELOVED REFORMER INTO THIS MONSTER?

# IVAN THE TERRIBLE

IVAN NEEDED TO ASSERT HIS AUTHORITY OVER THE BOYAR NOBILITY

---

- THE OLD APPANAGE SYSTEM OF PRINCES AND BOYARS COMPETING FOR POWER
  - AS MUSCOVY GREW, SO DID THE NUMBER OF BOYAR FAMILIES

1400:

1500:

# 1564: OPRICHNINA

- FROM OPRICH ( APART FROM, EXCEPT)
- PART OF THE DEAL FOR THE TSAR'S RETURN
  - GAVE HIM THE RIGHT TO PUNISH 'EVIL-DOERS', 'TRAITORS'
- LED BY THE **OPRICHNIKI**
  - 6,000+ SECRET POLICE
  - GOAL: DESTROY THE TSAR'S ENEMIES
  - DRESSED IN BLACK; RODE BLACK HORSES
  - CARRIED **DOG'S HEAD** (TSAR'S BITE) & A **BRUSH** (SWEEP AWAY ENEMIES)



- INSPIRATION FOR THE RINGWRAITHS IN THE LORD OF THE RINGS

# 1566-72: REIGN OF TERROR

- WENT TO WORK AGAINST THE DISLOYAL BOYAR FAMILIES
  - ex. SUZDAL= 12,000 BOYARS
    - 570 BECAME OPRICHNIKI; REST WERE EXPELLED
- CIRCLE OF DESTRUCTION WIDENED...
  - FAMILY MEMBERS, FRIENDS, RELATIVES, SERVANTS
- SIMILAR TO A CIVIL WAR, BUT ONLY ONE SIDE FIGHTING...



# 1567: BOYAR CONSPIRACY

- THE GUY IN THE CHAIR IS IVAN FEDEROV (BOYAR)
  - HE WAS CHARGED WITH TRYING TO REPLACE THE TSAR
    - IVAN HAD HIS FAMILY TIED UP IN SEPARATE ROOMS OF HIS HOUSE SITTING ON BARRELS OF GUNPOWDER
    - HE THEN BLEW UP THE BARRELS, “*FLINGING CORPSES IN THE AIR TO THE TSAR’S DELIGHT*”
- BELOW, HE WAS MOCKED IN A FAKE CORONATION
  - THEN, STABBED THROUGH BY THE TSAR HIMSELF



# 1572: DISBANDED BY IVAN

- THE OPRICHNIKI BECAME TOO DANGEROUS (EVEN FOR IVAN)
  - IVAN MADE IT ILLEGAL TO EVEN SAY *OPRICHNINA*



# 1581: DEATH OF IVAN IVANOVICH

- IVAN'S SON (IVAN) WAS MARRIED THREE TIMES:
  - 1. EUDOXIA SABUROVA
    - RUSSIAN NOBLE WOMAN
    - ORIGINALLY, MEANT FOR IVAN IV HIMSELF
      - HE REJECTED HER
    - IVAN IV THREW HER INTO A CONVENT AFTER SHE FAILED TO GET PREGNANT
  - 2. PRASKOVIA SOLOVA
    - RYAZAN NOBLE WOMAN
    - IVAN IV DIVORCED HER FOR SAME REASON
  - 3. YELENA SHEREMETEVA →  
RUSSIAN NOBLE WOMAN
    - OCT 1581: SHE WAS WITH CHILD
    - IVAN IV SAW HER CLOTHING →
    - BEAT HER RELENTLESSLY
      - SHE LOST THE CHILD
      - (LATER SENT TO LIVE IN A CONVENT)...





**"YOU SENT MY FIRST WIFE  
TO A CONVENT FOR NO  
REASON; YOU DID THE  
SAME WITH MY SECOND,  
AND NOW YOU STRIKE THE  
THIRD, CAUSING THE  
DEATH OF THE SON SHE  
HOLDS IN HER WOMB."**

# IVAN THE TERRIBLE AND HIS SON IVAN ON 16, NOVEMBER 1581

- BY ILYA REPIN 1885
- ARGUABLY MOST FAMOUS RUSSIAN PAINTING
- VANDALIZED TWICE



# IVAN THE TERRIBLE AND HIS SON IVAN ON 16, NOVEMBER 1581

- 1913: ATTACKED WITH A KNIFE
- CURATOR THREW HIMSELF IN FRONT OF A TRAIN



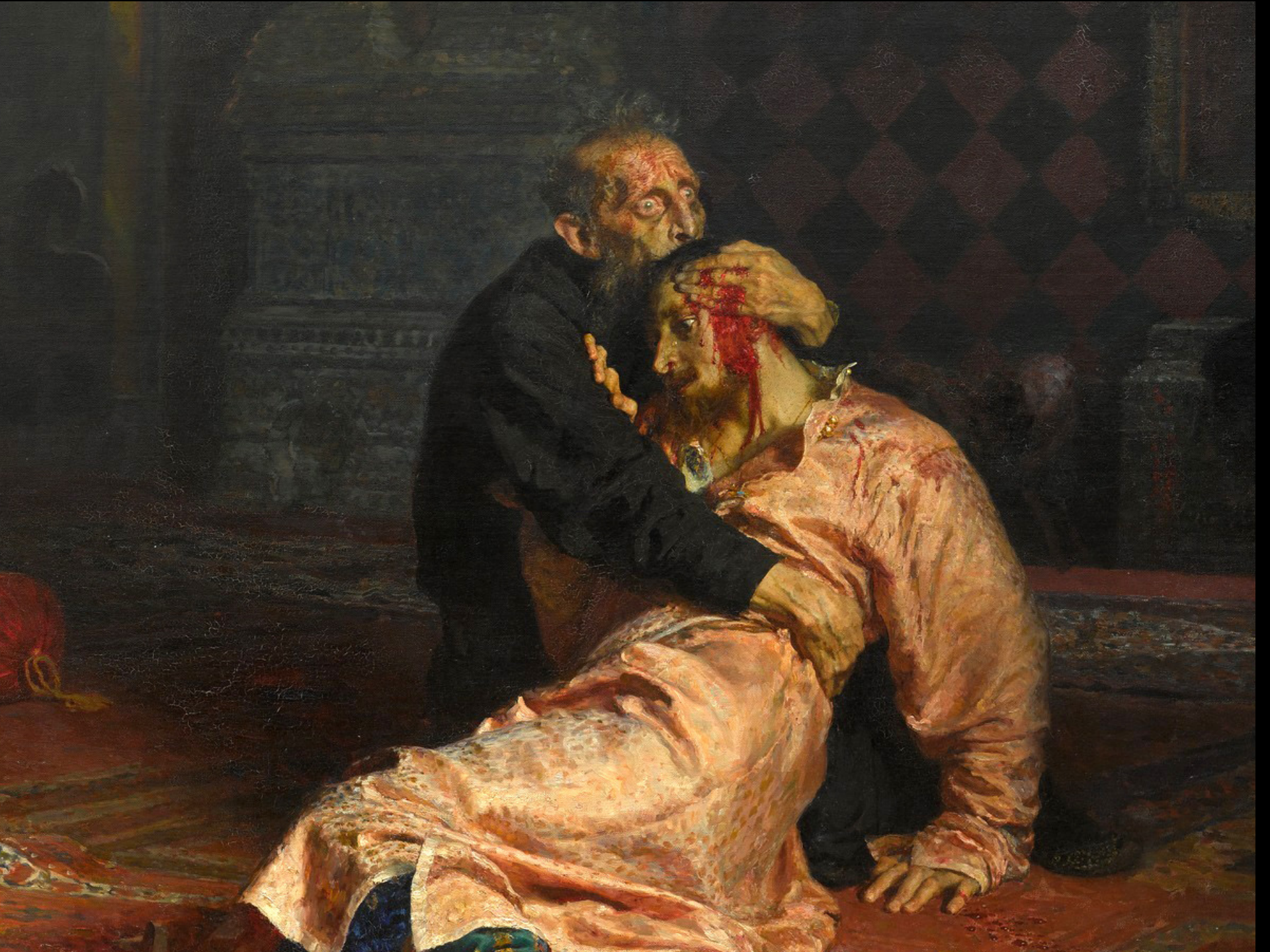
I. Repin  
1885

# IVAN THE TERRIBLE AND HIS SON IVAN ON 16, NOVEMBER 1581



- 2018: DRUNK MAN SMASHED THROUGH SECURITY GLASS
- HE THOUGHT IT WAS HISTORICALLY INACCURATE
- USED SECURITY FENCE POST























"MAY I BE  
DAMNED! I'VE  
KILLED MY SON!  
I'VE KILLED MY  
SON!"

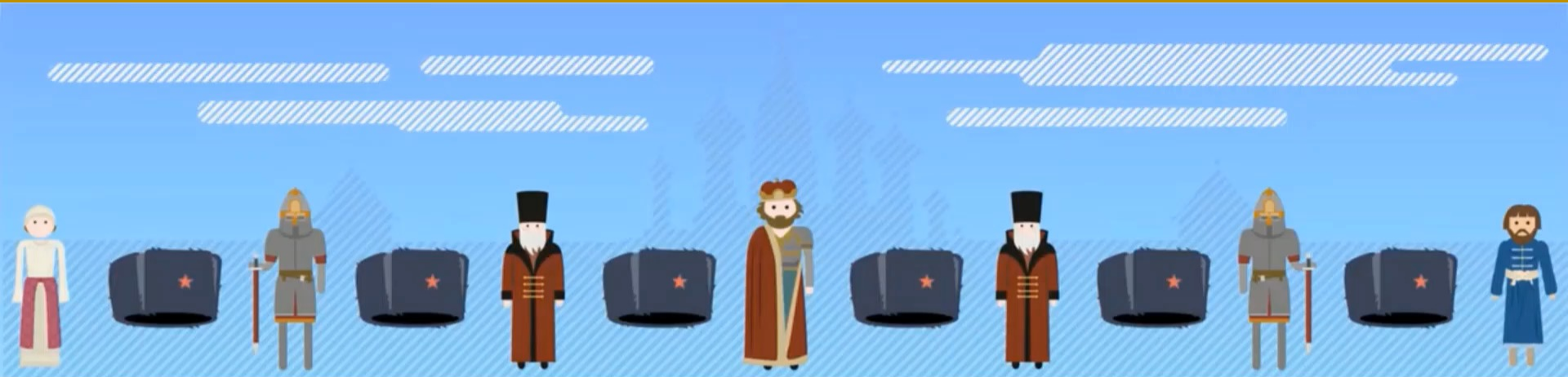
# MARCH 18, 1584: DEATH OF IVAN

- IVAN DID NOT TAKE THE DEATH OF HIS HEIR WELL (GUILT)
  - MUCH OF THE END OF HIS REIGN WAS DEVOTED TO EXPANDING RUSSIA EAST (KNOWN AS *TSAR OF SIBERIA*)
- HIS “RAGES” WOULD LEAVE HIM FOAMING AT THE MOUTH
- SOVIET AUTOPSY SHOWED SIGNS OF SYPHILIS
  - BECAME ADDICTED TO MERCURY
  - KEPT ‘*BUBBLING CAULDRON*’ IN HIS ROOM
- HE DIED WHEN HE HAD A STROKE AS HE BEGAN TO PLAY CHESS... HE WAS 53.





# IN REVIEW



Sec 20-0

## RUSSIA



thought  
bubble.

WE ARE TALKING "GUNPOWDER EMPIRES"... HERE'S THE RUSSIAN VERSION:

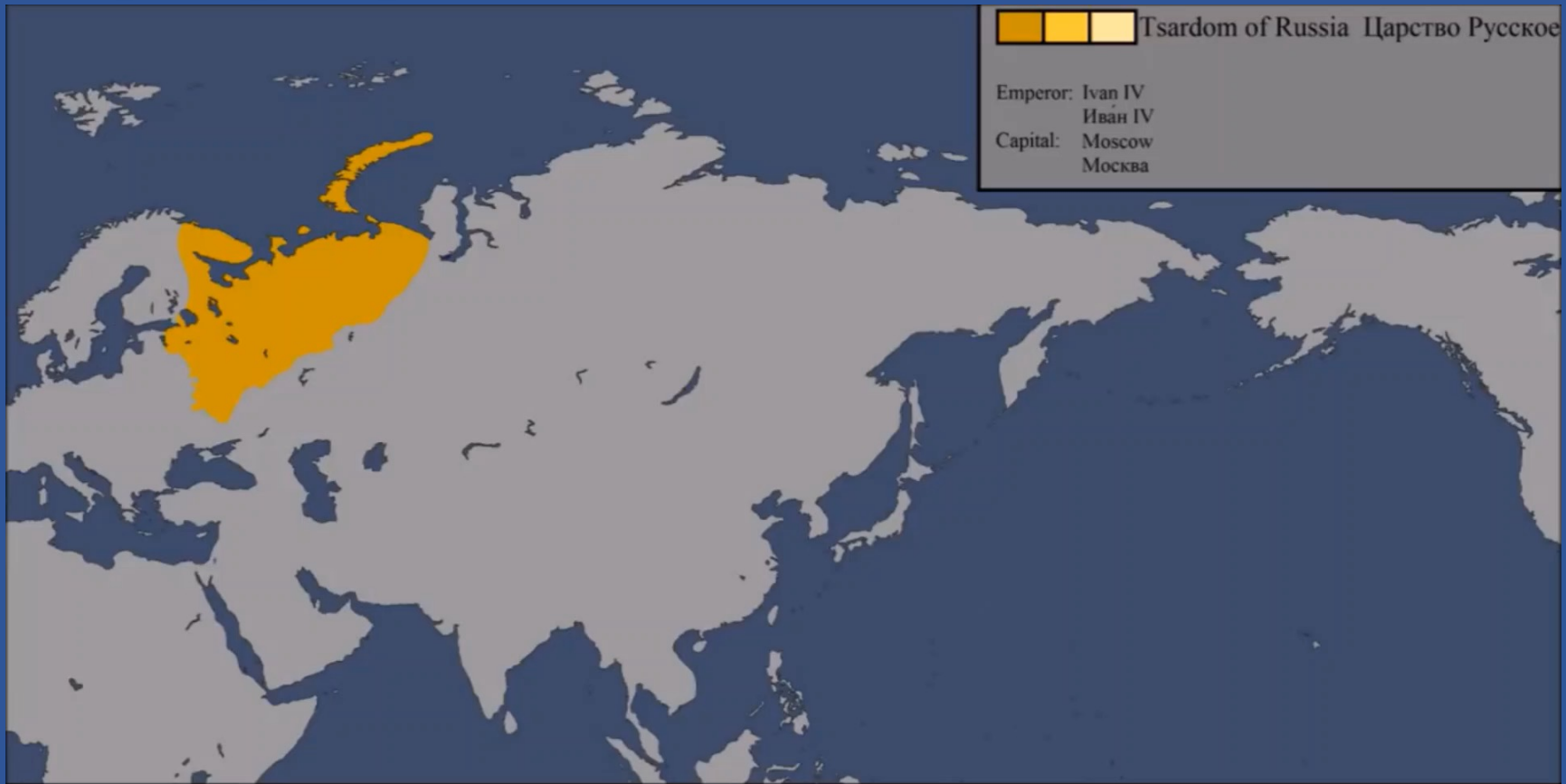
# STRELTZY

- RUSSIA'S FIRST FIREARM INFANTRY
  - ← FIRED ARQUEBUSES
- STARTED BY IVAN IV THE TERRIBLE IN 1545
  - 10 YEARS BEFORE HE WENT FULL TERRIBLE
  - STILL IN FULL EXPANSION MODE
  - RECRUITED FROM FREE TRADESPEOPLE/ & RURAL
    - LIVONIANS TO THE WEST; KHANS TO SOUTH
    - 1600: 25,000 1681: 55,000
    - IN MOSCOW, ALSO SERVED AS POLICE & FIRE DEPARTMENTS



GULYAY-GOROD (WANDERING TOWN)

# RUSSIAN EMPIRE:



1547

- 1610-1640 (TIME OF TROUBLES-END OF MICHAEL): GAINED 300 MILES OF TERRITORY GAINED IN THE STEPPE
- 1610-1640: GAINED NEARLY 3,000 MILES TO THE FAR EAST (TO THE PACIFIC OCEAN)
- LIMITATIONS:
  - WEST: SWEDES AND POLES
  - SOUTH: OTTOMANS AND SAFAVIDS
  - FAR EAST: MING CHINA

GOOD NEWS: WE GOT NEW TERRITORY BAD NEWS: IT'S

# SIBERIA

WHY EVEN EXPAND TO THE EAST?



SABLES



ERMINES



BEAVER

- JUST BECAUSE THEY CLAIM THE TERRITORY DOESN'T MEAN THEY COMPLETELY POPULATE IT WITH RUSSIANS
- SCATTERED POPULATIONS HAD TO PAY THE IASAK
  - TAX IN FURS OWED TO THE TSAR
- RUSSIA:SIBERIA::EUROPE:AFRICA (HIGHLY EXPLOITATIVE)

MANY PEASANTS TURNED TO A GROUP OF WARLIKE ADVENTURERS KNOWN AS:

# COSSACKS

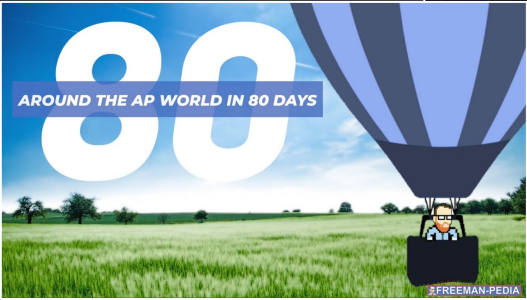
- FIRST MENTIONED IN 1444
  - BORROWED FROM THE CUMAN WORD **COSAC** MEANING **FREEMAN**
- PEASANTS IN RUSSIA WERE:
  - 1. OVERTAXED
  - 2. DYING (FAMINE)
  - 3. HUNTED BY THE OPRICHNINA
  - 4. FORCED TO STAY ON THEIR LAND BY GOV'T ANTI-MIGRATION LAWS
  - 5. SLOWLY TURNED INTO SERFS



I'VE PROBABLY ONLY MENTIONED THIS 1,000,000 TIMES, BUT...

**I HAVE A  
YOUTUBE  
CHANNEL!**

**ILLUSTRATIVE  
EXAMPLES**



**THIS  
VIDEO  
MIGHT  
HELP  
HERE**



# PETER THE GREAT

- PETER'S MOM RULES AS REGENT
  - PETER DIDN'T WANT TO RULE
  - NATALIA DIES IN 1694
- 1694=PETER ASSUMES FULL POWER
- HAD "RESTLESS ENERGY"
  - CONSTANTLY WORKING
  - CONSTANTLY TINKERING
  - EASILY OBSESSED
    - NAVIGATION, FURNITURE BUILDING, DENTISTRY
- ALSO, VIOLENT AND CRUDE
  - WOULD BEAT MEMBERS OF COURT WITH CLUB
  - BLOODILY REPRESSED DISSENT OF ANY KIND
- FORMED A PARTYING CLUB
  - *THE ALL-JOKING, ALL-DRUNKEN SYNOD OF FOOLS AND JESTERS*



# PETER THE GREAT

- PETER THE GREAT ≠ IVAN THE TERRIBLE
  - *(PETER DID ADMIRE IVAN THE TERR)*
  - NEVER LOSS HIMSELF TO MANIA
  - STAYED REFORM MINDED
    - REFUSED TO IDENTIFY HIMSELF WITH THE STATE
    - REMOVED “THE INTERESTS OF HIS TSARIST MAJESTY” FROM THE ARMY’S MOTTO
      - REPLACED WITH “STATE”
- PETER ONCE WROTE:
- **“HAVING ENSURED THE SECURITY OF THE STATE AGAINST THE ENEMY, IT IS REQUISITE TO ENDEAVOR TO WIN GLORY FOR IT BY MEANS OF THE ARTS AND SCIENCES.”**





# PETER THE GREAT

PETER WENT WEST TO EUROPE TO MODERNIZE RUSSIA



RUSSIA NEVER WENT THROUGH ANY OF THE FOLLOWING:



RENAISSANCE



REFORMATION



EXPLORATION



REASON

# PETER THE GREAT



STATUE IN AMSTERDAM



# MORNING OF THE STRELTSY UPRISING



BY BASILY IVANOVICH SURIKOV (1881)

# MORNING OF THE STRELTSY UPRISING



BY BASILY IVANOVICH SURIKOV (1881)

# MORNING OF THE STRELTSY UPRISING



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# MORNING OF THE **STRELTSY** UPRISING



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# MORNING OF THE STRELTSY UPRISING



BY BASILY IVANOVICH SURIKOV (1881)

# MORNING OF THE **STRELTSY** UPRISING



# MODERNIZATION

**WHAT IS  
DIFFERENT  
ABOUT  
THESE  
TWO?**



# MODERNIZATION

TO MAKE RUSSIA MORE LIKE THE WEST, PETER ENACTED THE FOLLOWING **WESTERN REFORMS**:



**LONG BEARDS BANNED (OR PAY LARGE TAX)**



**ENDED ARRANGED MARRIAGE**

| Ранг | Имя                 | Чин                 | Звание              |
|------|---------------------|---------------------|---------------------|
| 1    | Генерал-фельдмаршал | Генерал-фельдмаршал | Генерал-фельдмаршал |
| 2    | Генерал-поручик     | Генерал-поручик     | Генерал-поручик     |
| 3    | Генерал-майор       | Генерал-майор       | Генерал-майор       |
| 4    | Генерал-лейтенант   | Генерал-лейтенант   | Генерал-лейтенант   |
| 5    | Генерал-майор       | Генерал-майор       | Генерал-майор       |
| 6    | Генерал-майор       | Генерал-майор       | Генерал-майор       |
| 7    | Генерал-майор       | Генерал-майор       | Генерал-майор       |
| 8    | Генерал-майор       | Генерал-майор       | Генерал-майор       |
| 9    | Генерал-майор       | Генерал-майор       | Генерал-майор       |
| 10   | Генерал-майор       | Генерал-майор       | Генерал-майор       |

**TABLE OF RANK (JOBS EARNED BASED ON MERIT, NOT BIRTH)**



**MODERNIZED CALENDAR (7207 → 1700 CE)**

**REMOVED THE PATRIARCH;  
LAST ONE=STEFAN 1721  
(RETURNS IN 1917)**



**PETER RULED FROM 1682-1725. ONLY ONE YEAR (1724) SAW NO FIGHTING**  
*(AND BESIDES 1724, THERE WAS ONLY A TOTAL OF 13 MONTHS OF PEACE)*

# MILITARY MODERNIZATION

- **RUSSIA HAD HAD LARGE ARMIES, BUT THEY WERE MOSTLY UNORGANIZED, LOW QUALITY**

- **IVAN IV CREATED THE **STRELTSY** (ARMED INFANTRY/MUSKETEERS)**

- **PROBLEMS:**

- **1. ONLY IN MOSCOW,**
- **2. SEMI-PROFESSIONAL (HAD OTHER JOBS),**
- **3. REBELLION**



- **REFORMS:**

- **PERMANENT CONSCRIPTION**

- **1715: 1 in 50 SERFS CONSCRIPTED TO SERVE FOR LIFE (BETTER JOB)**

- **ARMY GREW BY 300,000 SOLDIERS**

- **ALL GENTRY REMAINED WITH THEIR REGIMENTS FOR LIFE**

- **LARGEST (WEST) MIL. UNTIL NAPOLEON**

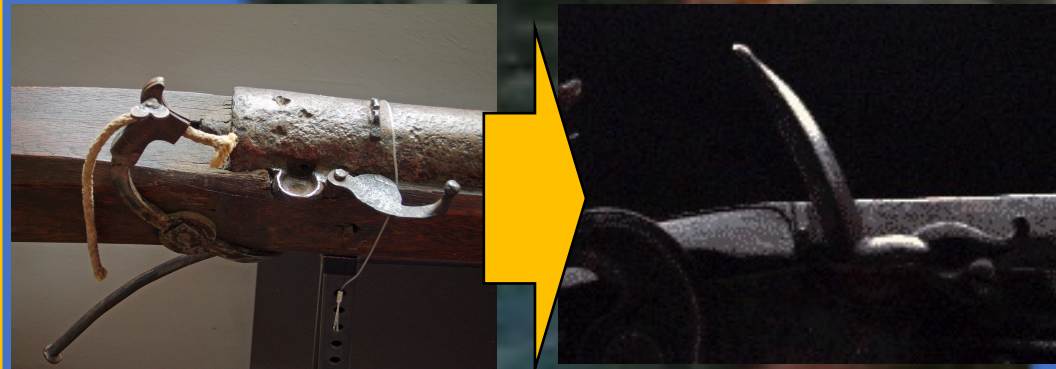
- **PETER LED BY EXAMPLE:**

- **BECAME PROFICIENT WITH EVERY WEAPON**
- **LEARNED TO COMMAND EVERY UNIT**

- **INSISTED ALL MEMBERS OF THE MILITARY WORK THEIR WAY UP FROM THE BOTTOM TO AS FAR AS THEIR MERIT WILL TAKE THEM**

- **TECHNOLOGICAL ADVANCEMENTS:**

- **REPLACE ARQUEBUSES WITH FLINTLOCK**



**PETER RULED FROM 1682-1725. ONLY ONE YEAR (1724) SAW NO FIGHTING**  
*(AND BESIDES 1724, THERE WAS ONLY A TOTAL OF 13 MONTHS OF PEACE)*

# MILITARY MODERNIZATION

- **RUSSIA HAD HAD LARGE ARMIES, BUT THEY WERE MOSTLY UNORGANIZED, LOW QUALITY**

- **IVAN IV CREATED THE **STRELOTSKY** (ARMED INFANTRY/MUSKETEERS)**

- **PROBLEMS:**

- 1. ONLY IN MOSCOW,
- 2. SEMI-PROFESSIONAL (HAD OTHER JOBS),
- 3. REBELLION



- **REFORMS:**

- **PERMANENT CONSCRIPTION**

- 1715: 1 in 50 SERFS CONSCRIPTED TO SERVE FOR LIFE (BETTER JOB)
- ARMY GREW BY 300,000 SOLDIERS

- **ALL GENTRY REMAINED WITH THEIR REGIMENTS FOR LIFE**

- LARGEST (WEST) MIL. UNTIL NAPOLEON

- **PETER LED BY EXAMPLE:**

- BECAME PROFICIENT WITH EVERY WEAPON
- LEARNED TO COMMAND EVERY UNIT

- **INSISTED ALL MEMBERS OF THE MILITARY WORK THEIR WAY UP FROM THE BOTTOM TO AS FAR AS THEIR MERIT WILL TAKE THEM**

- **TECHNOLOGICAL ADVANCEMENTS:**

- FLINTLOCK RIFLES INCLUDED BAYONETS
- 1<sup>ST</sup> MILITARY TO USE BAYONETS TO ATTACK
  - (ORIGINALLY USED IN DEFENSE)



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- **TECHNOLOGICAL ADVANCEMENTS:**

- **MASSIVELY INCREASED THE AMOUNT OF BOTH HEAVY AND LIGHT ARTILLERY**



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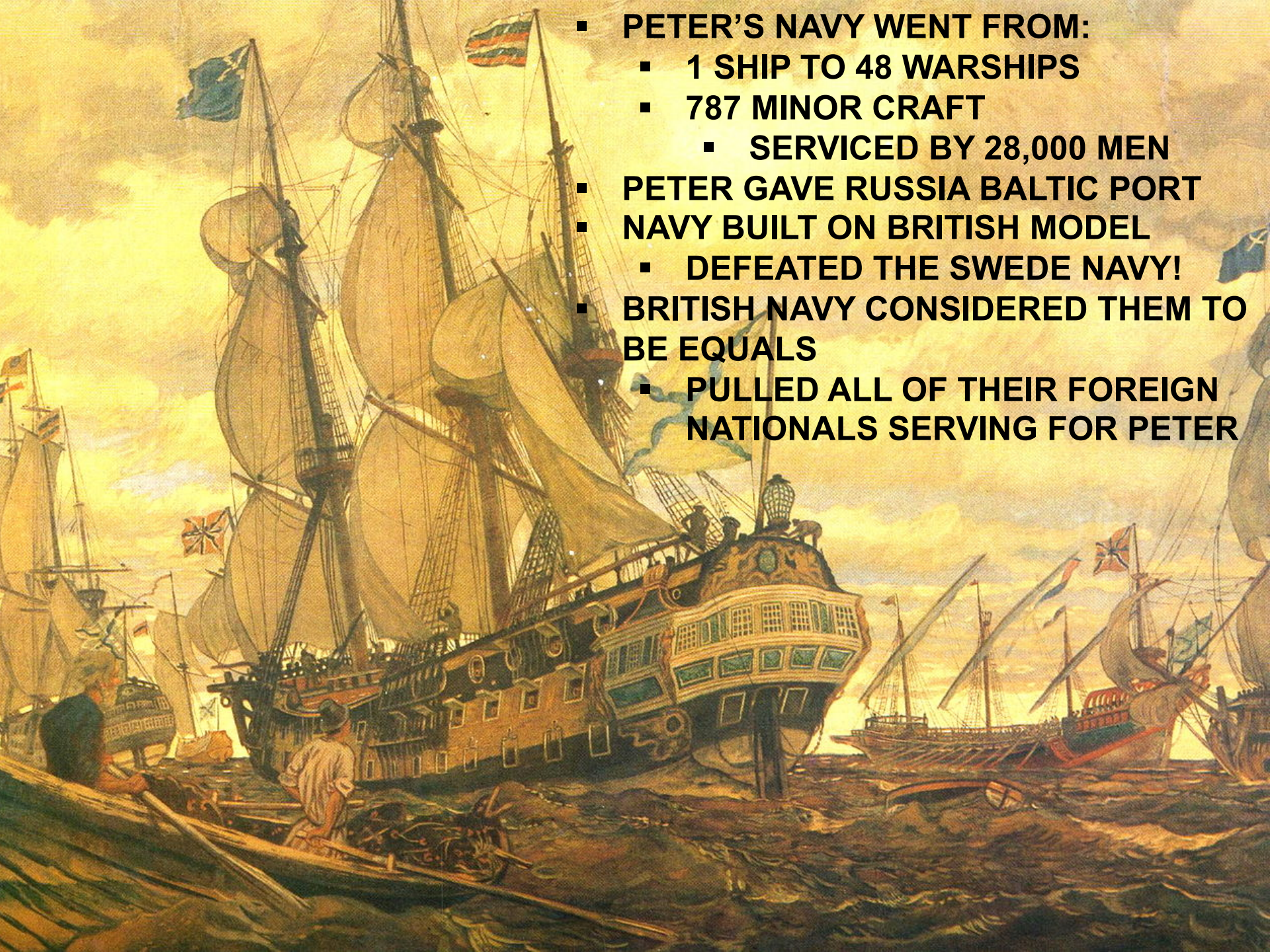
- **INSISTED ALL MEMBERS OF THE MILITARY WORK THEIR WAY UP FROM THE BOTTOM TO AS FAR AS THEIR MERIT WILL TAKE THEM**

- **TECHNOLOGICAL ADVANCEMENTS:**

- **KEPT COSSACKS AS A SCOUTING FORCE**



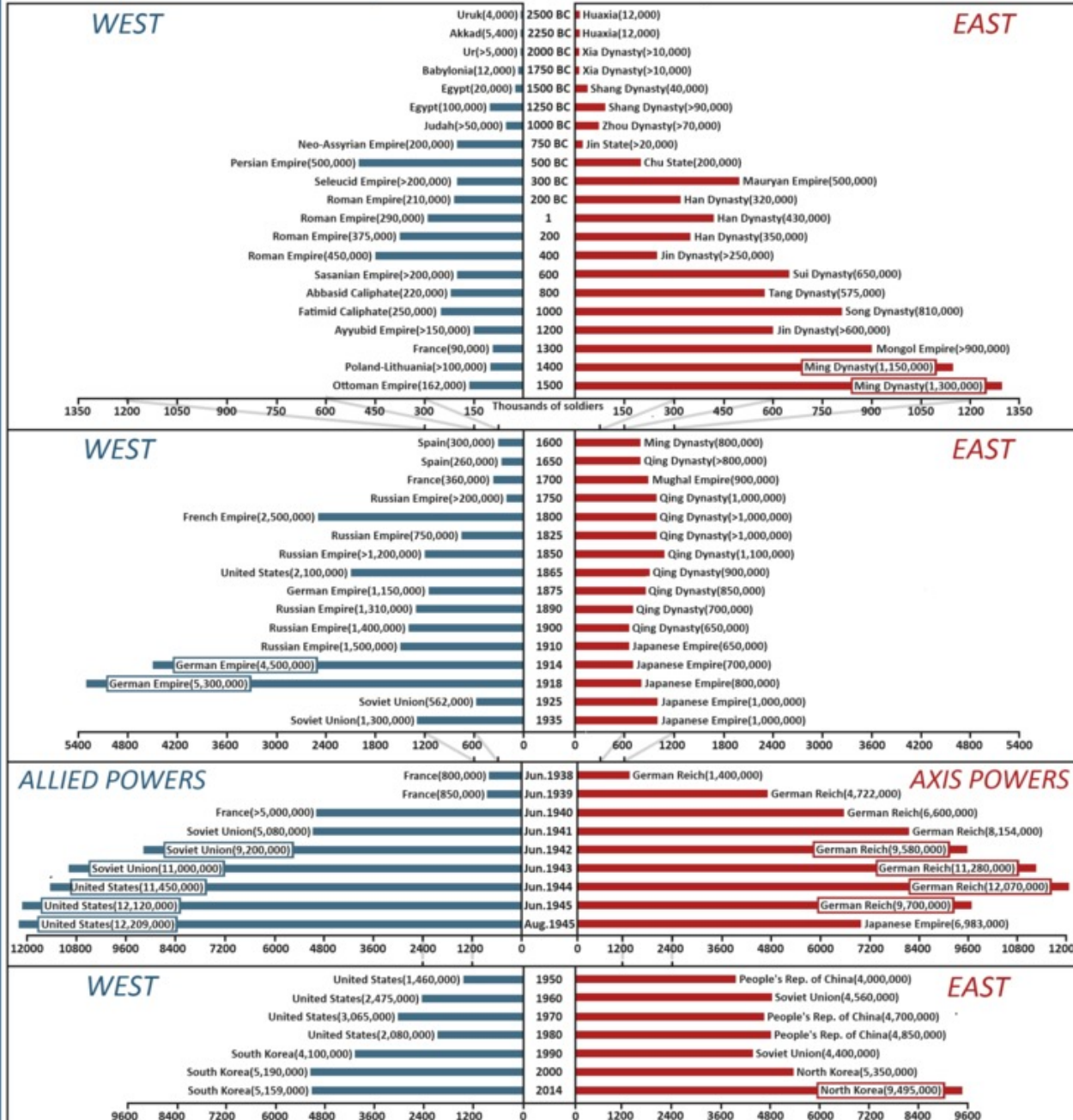




- **PETER'S NAVY WENT FROM:**
  - **1 SHIP TO 48 WARSHIPS**
  - **787 MINOR CRAFT**
    - **SERVICED BY 28,000 MEN**
- **PETER GAVE RUSSIA BALTIC PORT**
- **NAVY BUILT ON BRITISH MODEL**
  - **DEFEATED THE SWEDE NAVY!**
- **BRITISH NAVY CONSIDERED THEM TO BE EQUALS**
  - **PULLED ALL OF THEIR FOREIGN NATIONALS SERVING FOR PETER**

# Military superpowers throughout history

The world's largest armies since 2500 BC, with estimated manpower in brackets

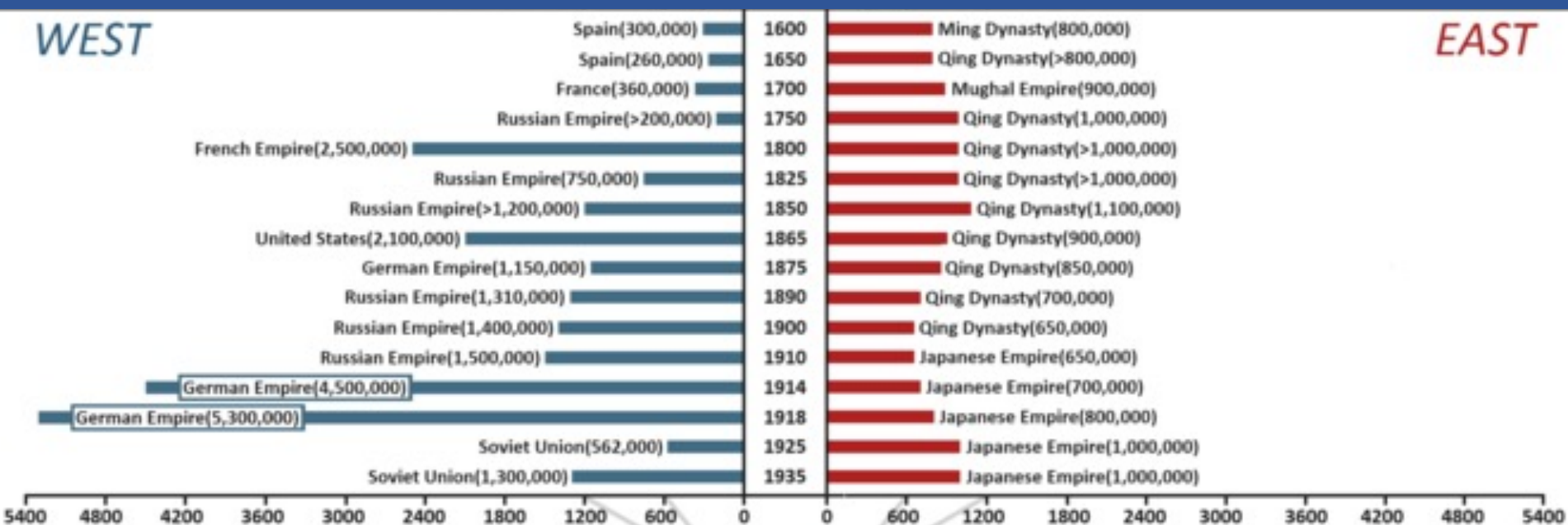


# Military superpowers throughout history

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WEST

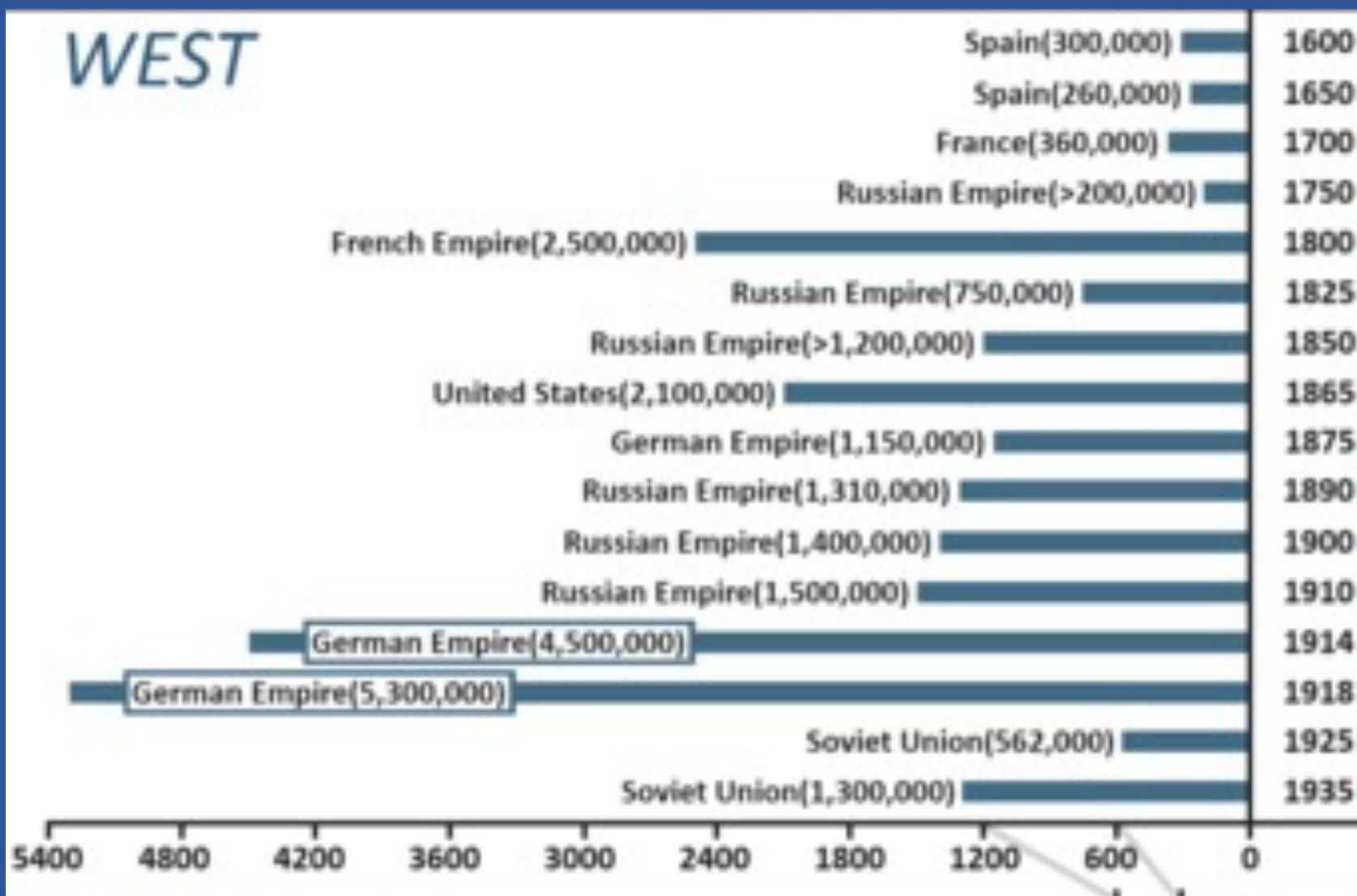
EAST



# Military superpowers throughout history

The world's largest armies since 2500 BC, with estimated manpower in brackets

*WEST*



# RUSSIAN EMPIRE



LAND-BASED EMPIRES  
c. 1450-1750

c. 1450-1750



WHEN PETER RETURNED FROM EUROPE, DEFEATED THE SWEDES, BUILT ST. PETERSBURG, AND MODERNIZED RUSSIA. HE NEEDED TO BUILD HIMSELF A HOUSE... SO... HE BUILT **PETERHOF**:



**LOOK FAMILIAR?!?**

**RUSSIAN  
EMPIRE**

**BEFORE**



c. 1450-1750

ANALYZE THE SIMILARITIES & DIFFERENCES OF THE RUSSIAN STATE THAT OCCURRED AS A RESULT OF THE RULE OF PETER I THE GREAT.

**RUSSIAN  
EMPIRE**

**AFTER**



c. 1450-1750