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Oct 1993

The NRO and ARMS CONTROL in the 90's

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Intermediate Nuclear Forces

NRO wasn't concerned



announced as the Permanent Portal

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Monitoring site

Cape Canaveral AFS - Declared Site

Signed 8 Dec 87

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START I

Purpose

- Reduce Strategic Nuclear Delivery Vehicles (SNDVs)

Status

- Ratified by the U.S., Russia, Belarus, and Kazakhstan
- Ukraine holding out

Treaty will not enter-into-force until all instruments of ratification are exchanged

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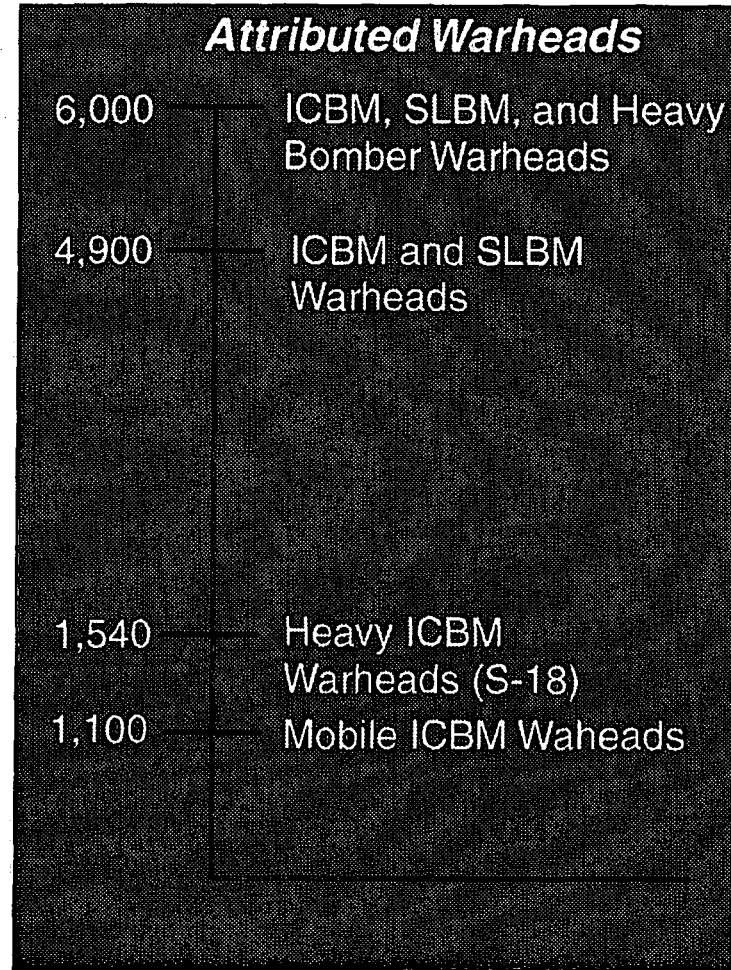
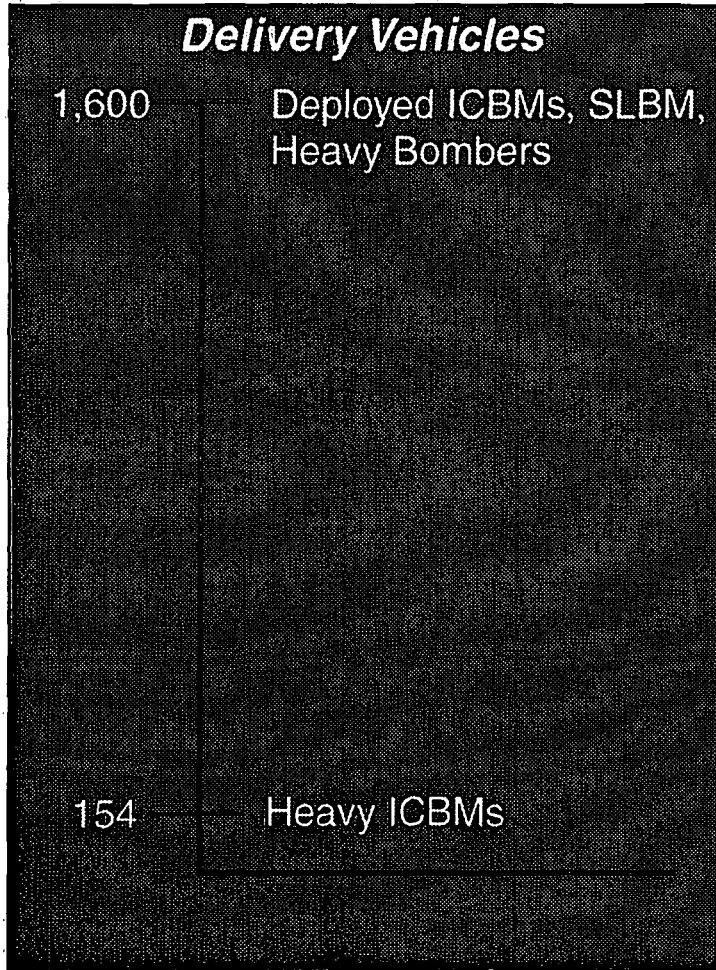
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START I Central Limits



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START II

Bi-Lateral agreement

Contingent upon START I being ratified

Uses START I inspection protocols

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START I vs START II

	START	START II Phase I	START II Phase II
Total Strategic Warheads	6000	3800-4250	3000-3500
Ballistic Missile Warheads	4900	No Specific sub-limit	No Specific sub-limit
MIRVed ICBM Warheads	No Specific sub-limit	1200	0
Heavy ICBM Warheads	1540	650	0
Mobile ICBM Warheads	1100	No Specific sub-limit	No Specific sub-limit

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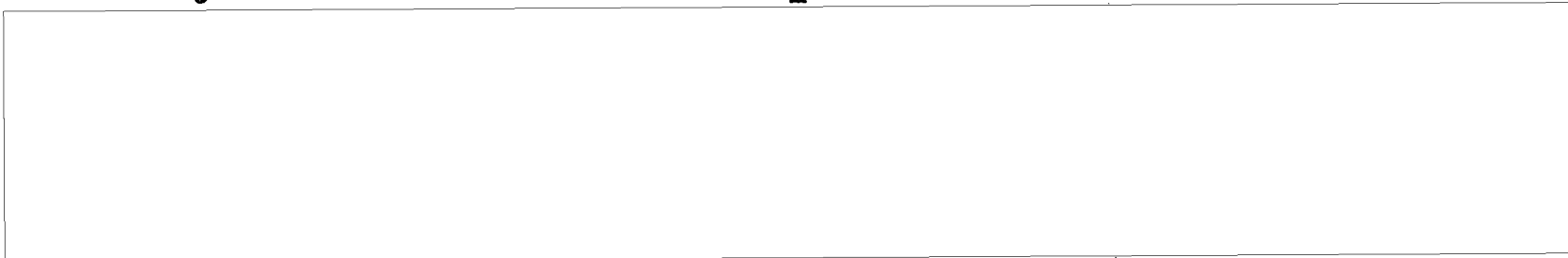
START Impacts

Early intervention by the NRO mitigated most of the risk

- **Transportation systems**
- **SLVs**

VAFB Declared Site

- **Only includes the Peacekeeper and MM activities**



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CWC

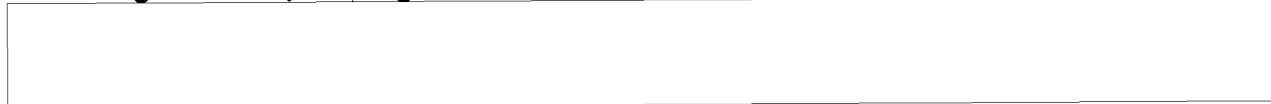
Purpose

Status

Preparatory Commission

**Organization for the Prohibition of Chemical Weapons
(OPCW)**

"Anytime, Anywhere" challenge inspection protocol led to



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CWC Impacts

Challenge inspection regime

- Anytime, anywhere
- Can protect National Security, Constitutional, and Proprietary interests
- Must demonstrate compliance

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Bi-Lateral CW Agreements

Two between the US - USSR (now Russia)

- Begins data exchange
- Inspections using CWC inspection protocols
- Destruction of CW stores

Status

- US has presented data and started destroying stocks
- Russia attempting to comply

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Bi-Lateral CW

Uses same inspection protocols as the CWC



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Open Skies

Purpose

Promote openness and transparency of military forces and activities

Status

Signed on 24 Mar 92

Ratified by US on 6 Aug 93

Entry-into-force ??

Overflights by unarmed, fixed wing aircraft equipped with sensor suite

Optical - 30 cm resolution

IR - 50 cm

SAR - 3 m

Up to 42 overflights per year

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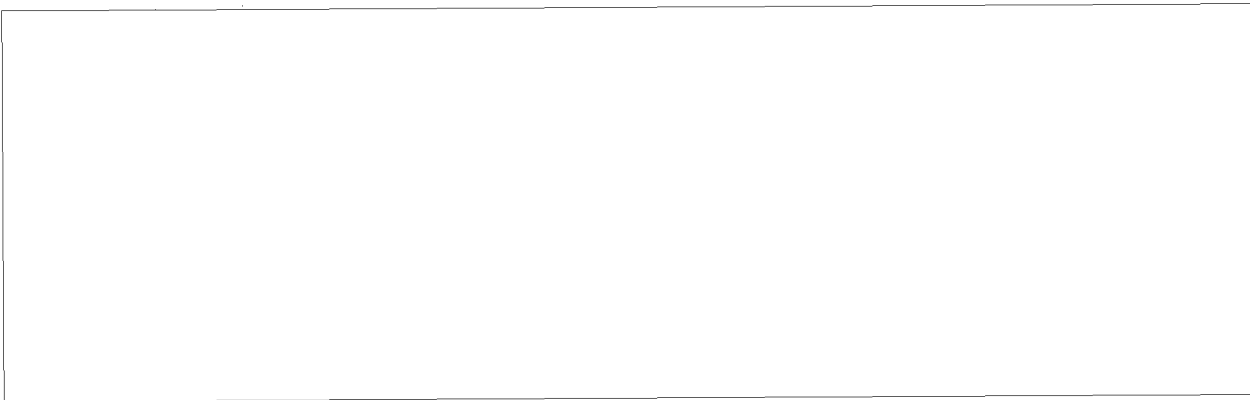
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Open Skies Impacts



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Space Talks

UN and Geneva

Numerous papers submitted

- Advance launch notification
- Debris studies
- More detailed satellite operational reporting
- Sharing of all data from all satellites
- Keep out zones

Prohibit weapons/militarization in space

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Space Talks Impact

Desert Storm

Mostly non-space experts

Want to level the playing field

Could be major impact to NRO

USG has no position on these issues

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Other Treaties

BW

CTBT

CFE

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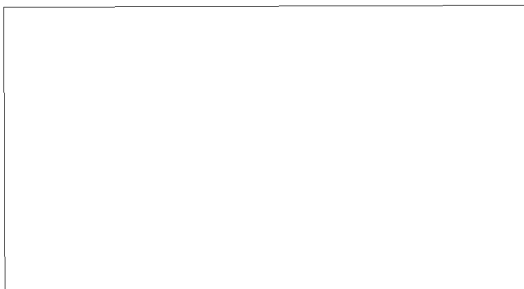
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Where to get more info

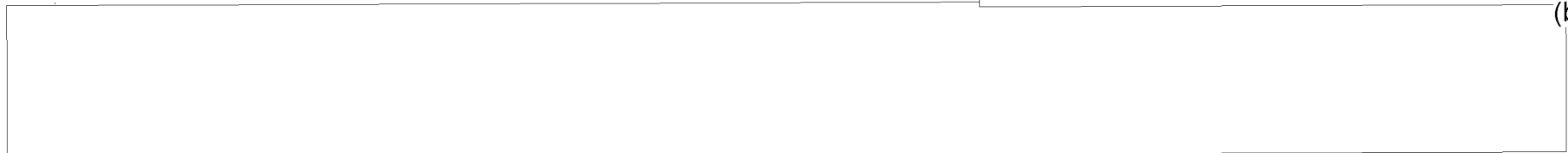


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Treaty Handbook



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