



Headquarters Allied Air Command Ramstein



MILITARY AIR OPERATIONS IN UN PEACEKEEPING MISSIONS

**Major Filip Van Der Linden
A5 - PPX**

“The UN was not created to take Humanity to Heaven but to save it from Hell.”

Dag Hammerskjold

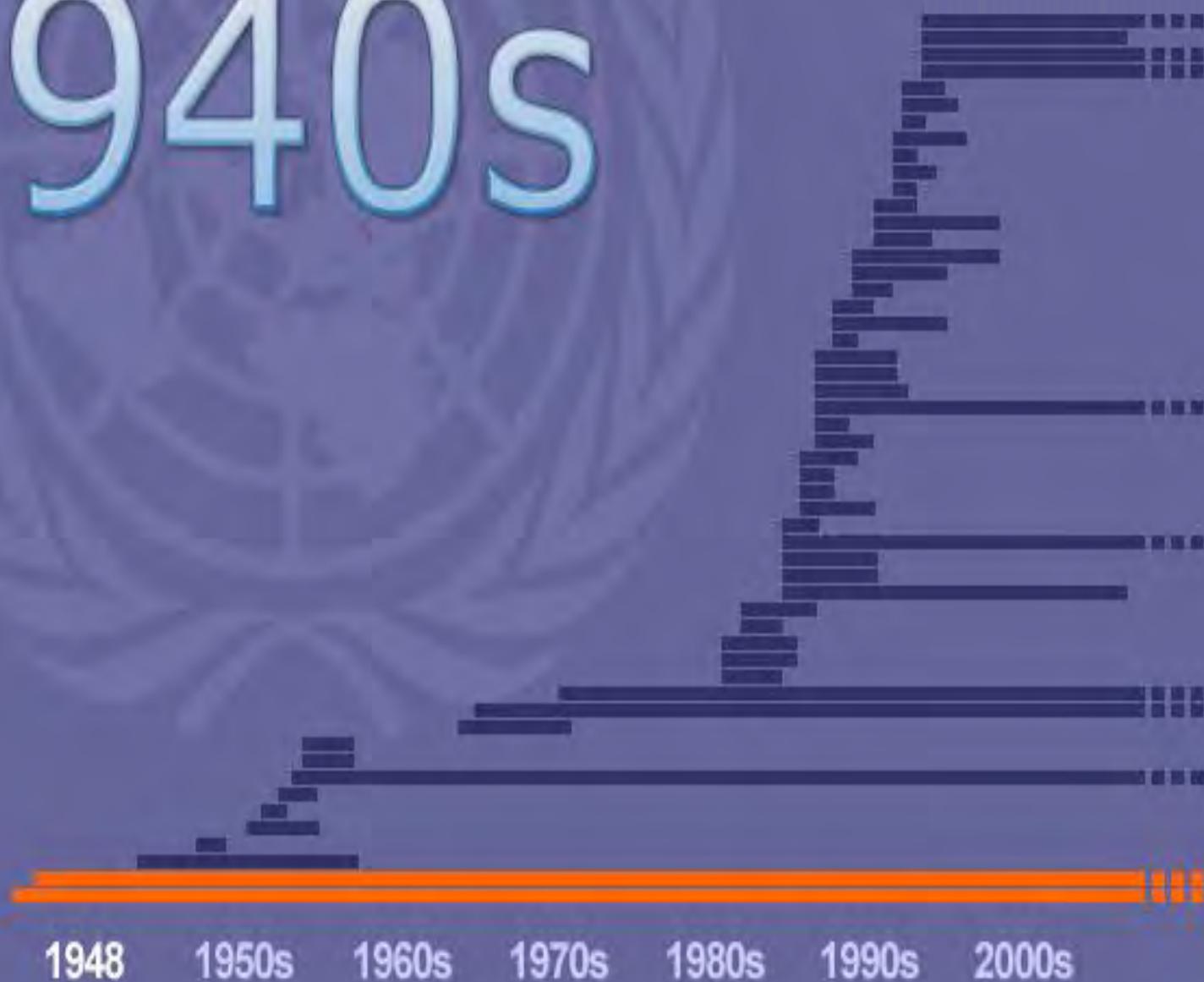
UN Secretary General &
Nobel Peace Price Winner 1961





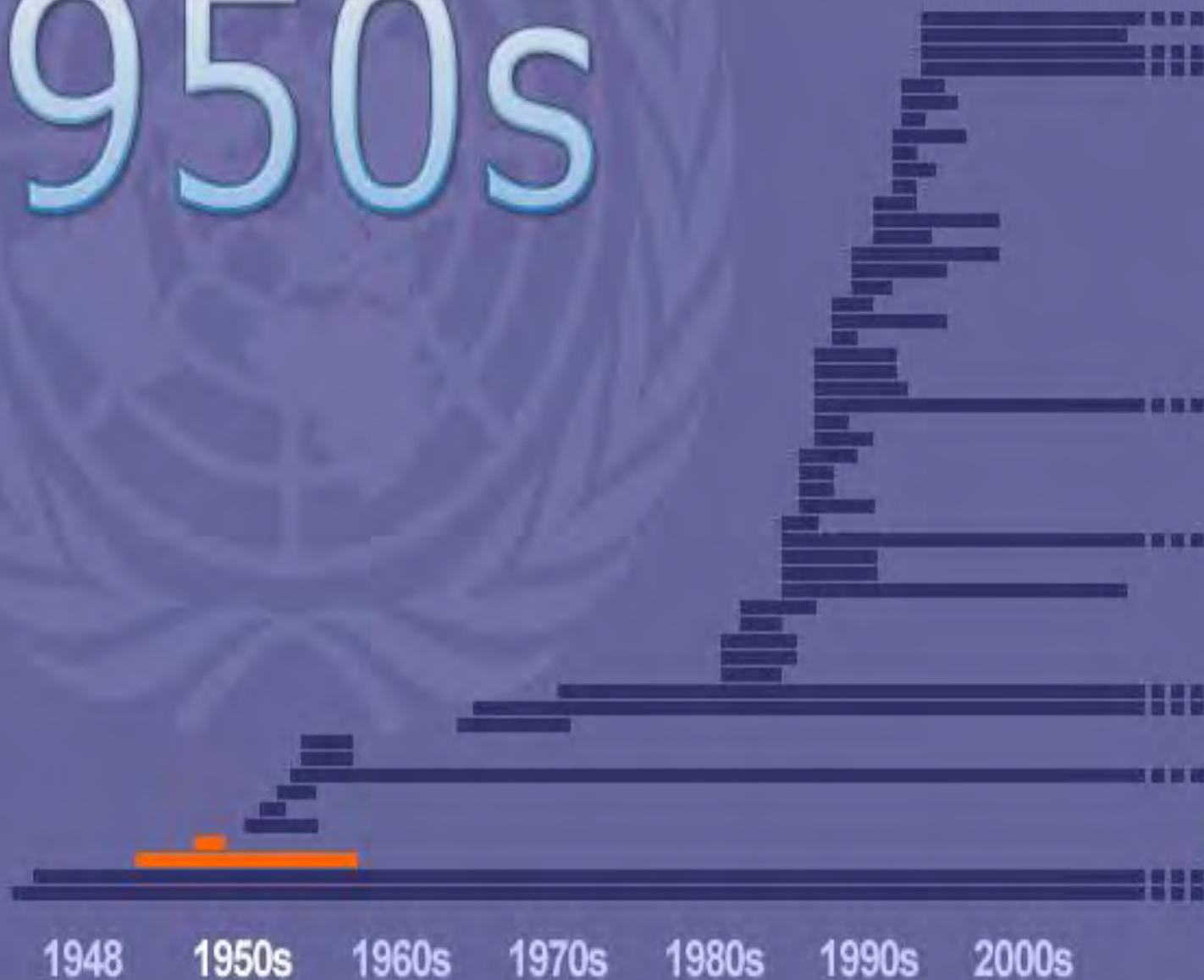
Peacekeeping Operations timeline

1940s



Peacekeeping Operations timeline

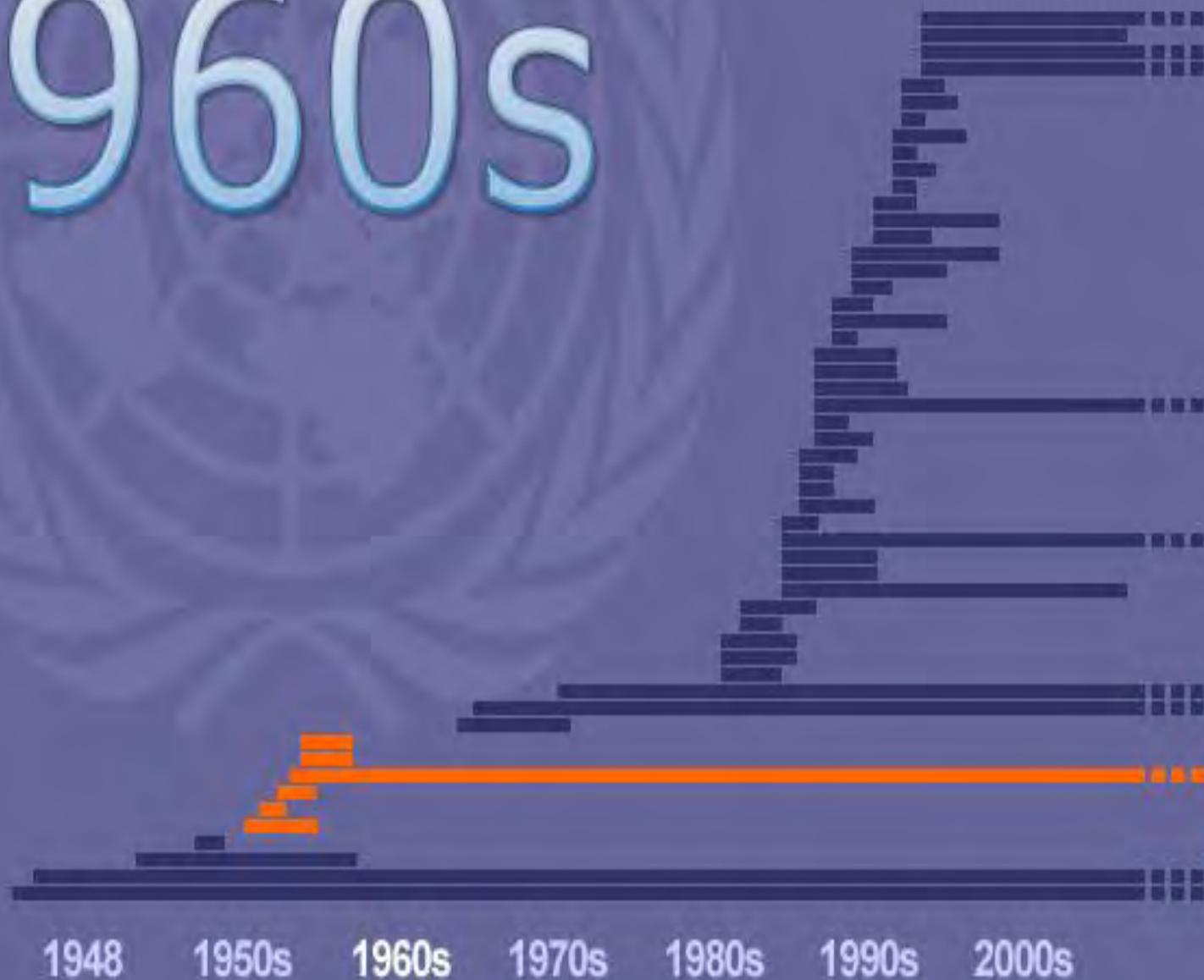
1950s



UNIGIL
UNEPF

Peacekeeping Operations timeline

1960s

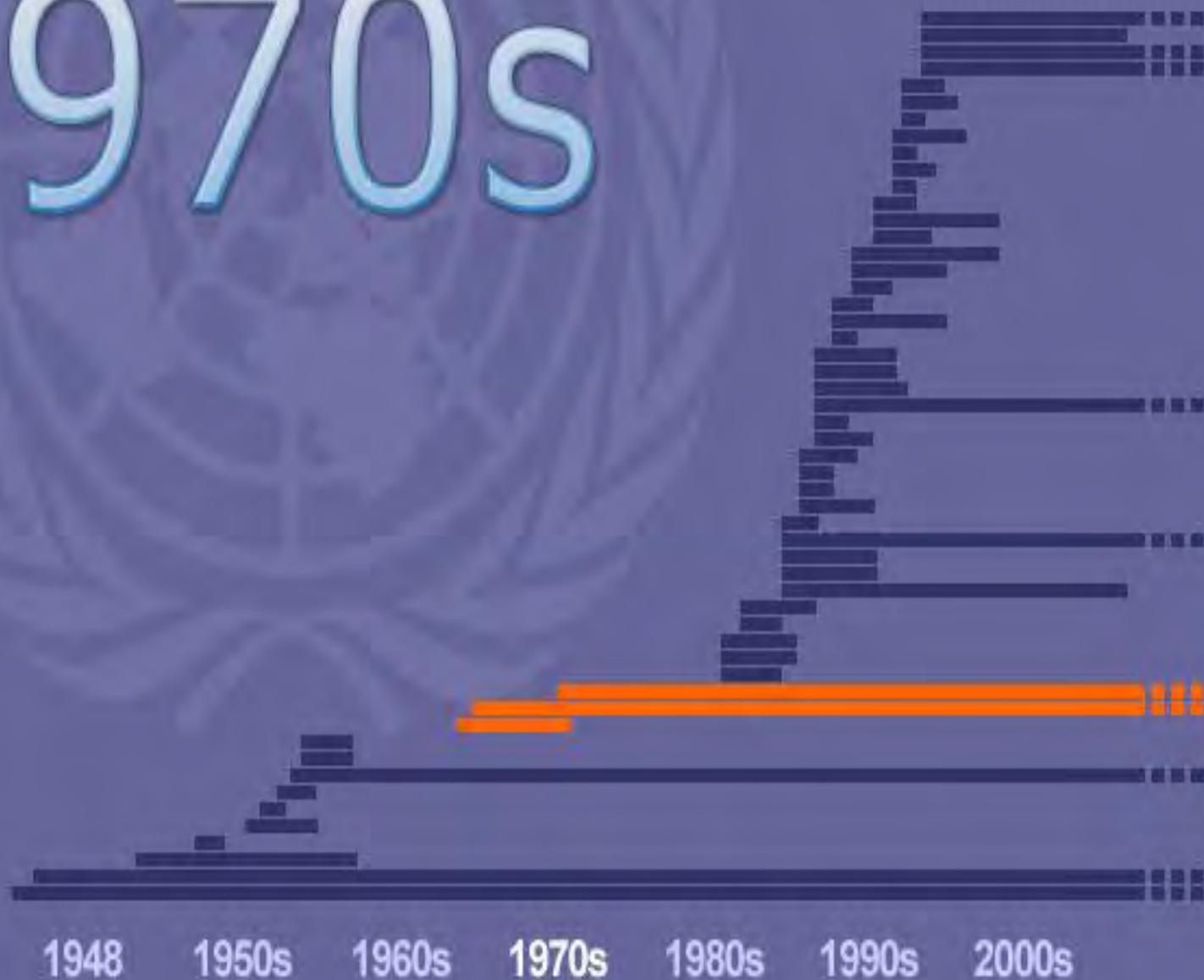


UNAM
ONVER
UNFICYP
UNYOM
UNSF
ONUC



Peacekeeping Operations timeline

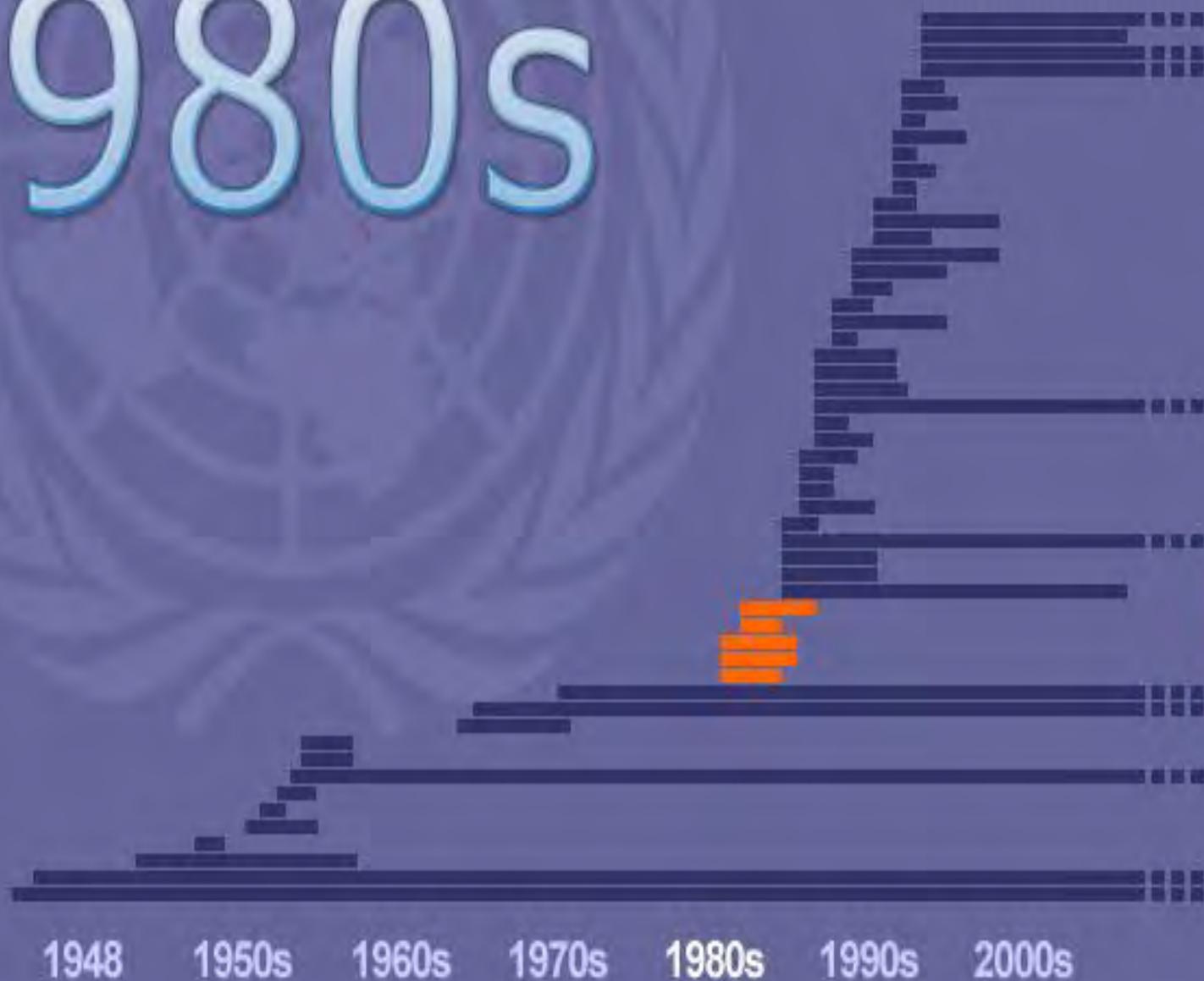
1970s



UN
UNEP
UNEP

Peacekeeping Operations timeline

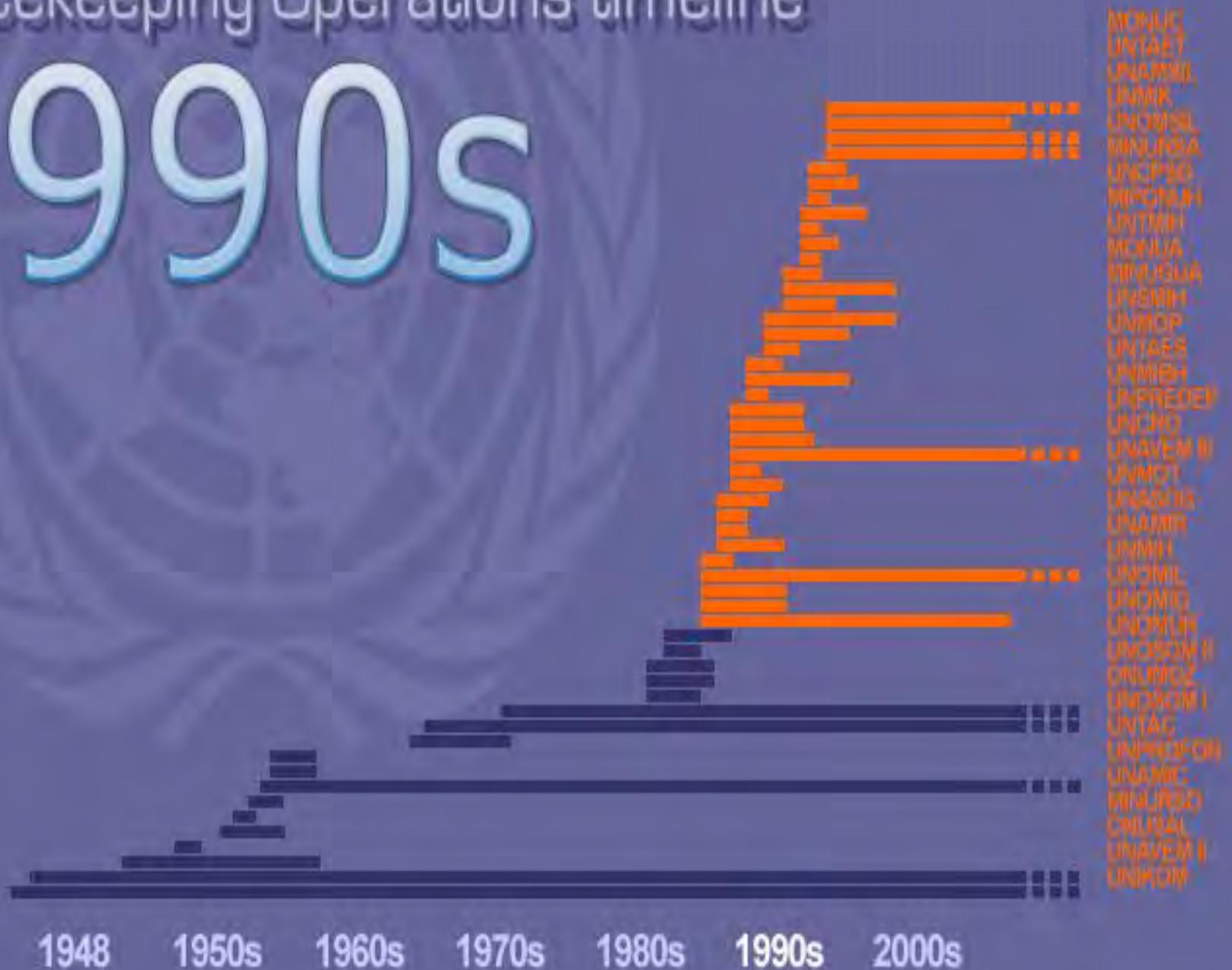
1980s



ONUCA
UNTAG
UNAVEM I
UNIMOG
UNDOMAP

Peacekeeping Operations timeline

1990s





UN Hostage Crisis





UN Reform

Lakhdar
Brahimi

Over the past six decades, United Nations peacekeeping has evolved into a complex, global undertaking. During this time, the conduct of United Nations peacekeeping operations has been guided by a largely unwritten body of principles and informed by the experiences of the many thousands of men and women who have served in the more than 60 operations launched since 1948. This document captures these experiences for the benefit and guidance of planners and practitioners of United Nations peacekeeping operations.

United Nations Peacekeeping Operations

Principles and Guidelines

2008



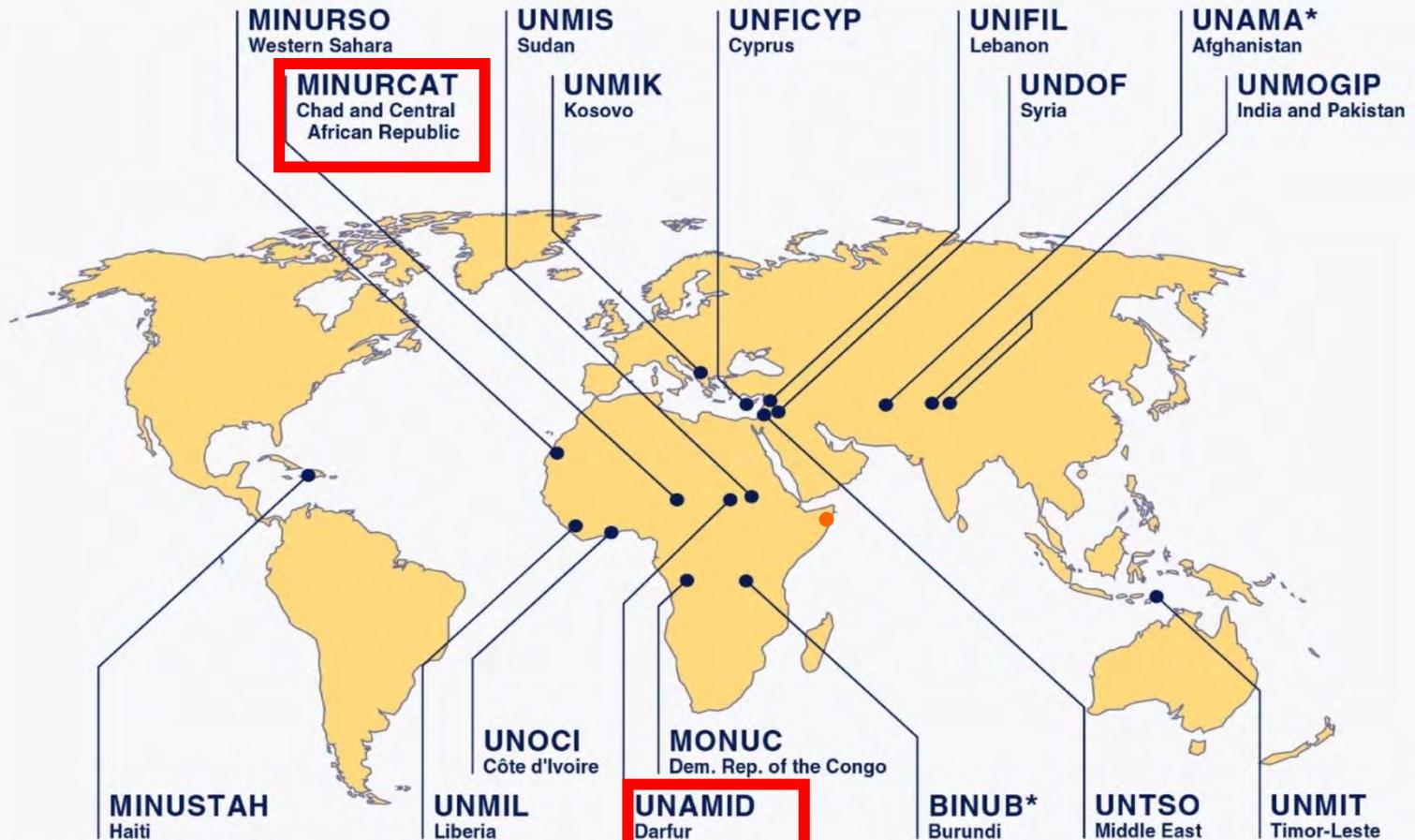
SECRETARY





UN PKO 2010

MISSIONS ADMINISTERED BY THE DEPARTMENT OF PEACEKEEPING OPERATIONS



* Political or peacebuilding mission

Department of Field Support
Cartographic Section





Deployed Military Helicopters in UN PKO

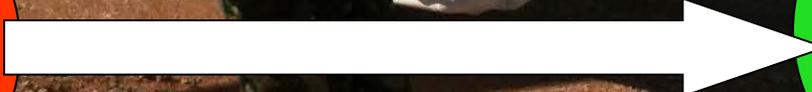
April 2010

MISSION TCC	MONUC (24+8)	MINUSTAH (6)	ONUCI (3)	UNAMID (5)	UNFICYP (3)	UNIFIL (6)	UNMIL (8+3)	UNMIS (16)	MINURCAT (7)
Argentina		2			3				
Bangladesh	5								3
Chile		4							
Ethiopia				5					
Ghana			3						
India	15+8							6	
Italy						4			
Pakistan								6	
Russia								4	4
South Africa	2								
Spain						2			
Ukraine							8+3		
Uruguay	2								

TOTAL = 57 Mil Utility Heli + 16 Attack Heli



**2007
Mandate**

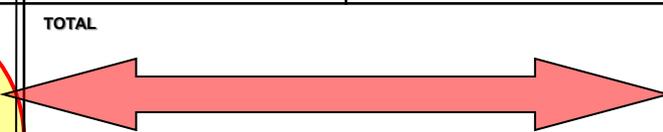


**2010
Deployment**

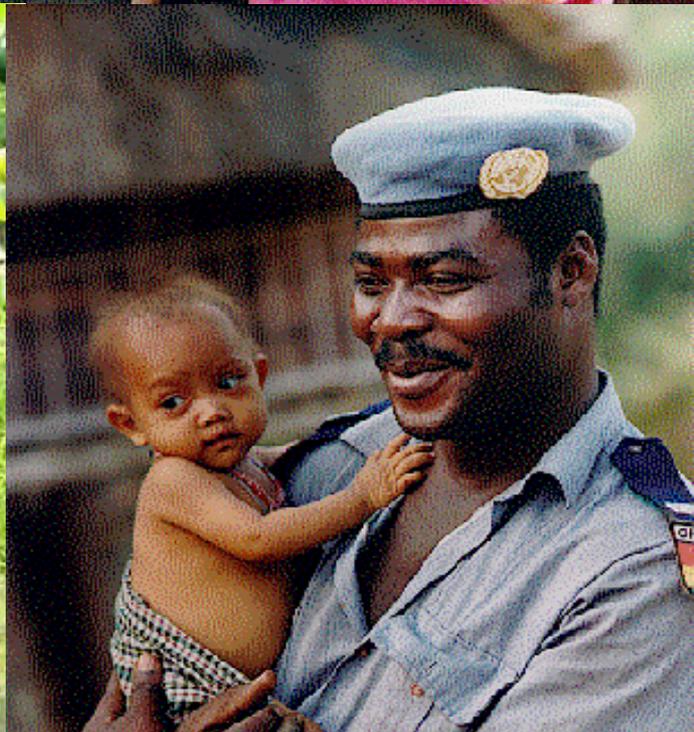


Reimbursement Issues

CIVILIAN HELI (8 Mi-8)			MILITARY HELI (8 Mi-8)		
	Rate	Annual Cost		Rate	Annual Cost
Average Annual guaranteed Cost 80 men	300 000 -350 000 USD/ per 1 helicopter monthly	28 000 000 - 33 600 000USD	COE (approx) cost)*	81 000 USD/ monthly	972 000 USD
			SS (approx cost)*	46 500 USD/ monthly	558 000 USD
			Personnel	200 peacekeepers	2 947 000 USD
			Rotation of unit personnel (200 people, 2 times a year)	350 000 USD/ per rotation	~ 700 000 USD
			Rations and water*	6-12 USD/ 1 soldier daily	~ 438 000 - 876 000 USD
Average Flight hours (33 FIHr/ per 1 helicopter monthly)	1000-1200 USD/hour	3 168 000 – 3 801 600 USD	Average Flight hours (33 FIHr/ per 1 helicopter monthly)	2100 - 2600 USD/hour	6 652 800 - 7 603 200 USD
TOTAL		± 35 Million USD	TOTAL		± 13 Million USD
			+ Additional TCC expenditure		Unit salary back home, cost of preparations for rotation, helicopter rotation



















"Fighting broke out today
between rival U. N.
peacekeeping factions...."



TAKE AWAYS

- **Chronic shortage of military air assets in UN PKO**
 - **Commitment gap of Western Nations**
 - **Limited/obsolete capabilities**
 - **Insufficient interoperability**
 - **Command and Control problems**
 - **Reimbursement issues**
 - **Limited outreach to other strategic partners**
 - **Slow deployment/employment**
 - **High risk aversion – no collateral damage**
 - **Lack of military air operations doctrine, SOPs**
 - **Limited military staff capacity in UN HQ New York**
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Headquarters Allied Air Command Ramstein



Questions?