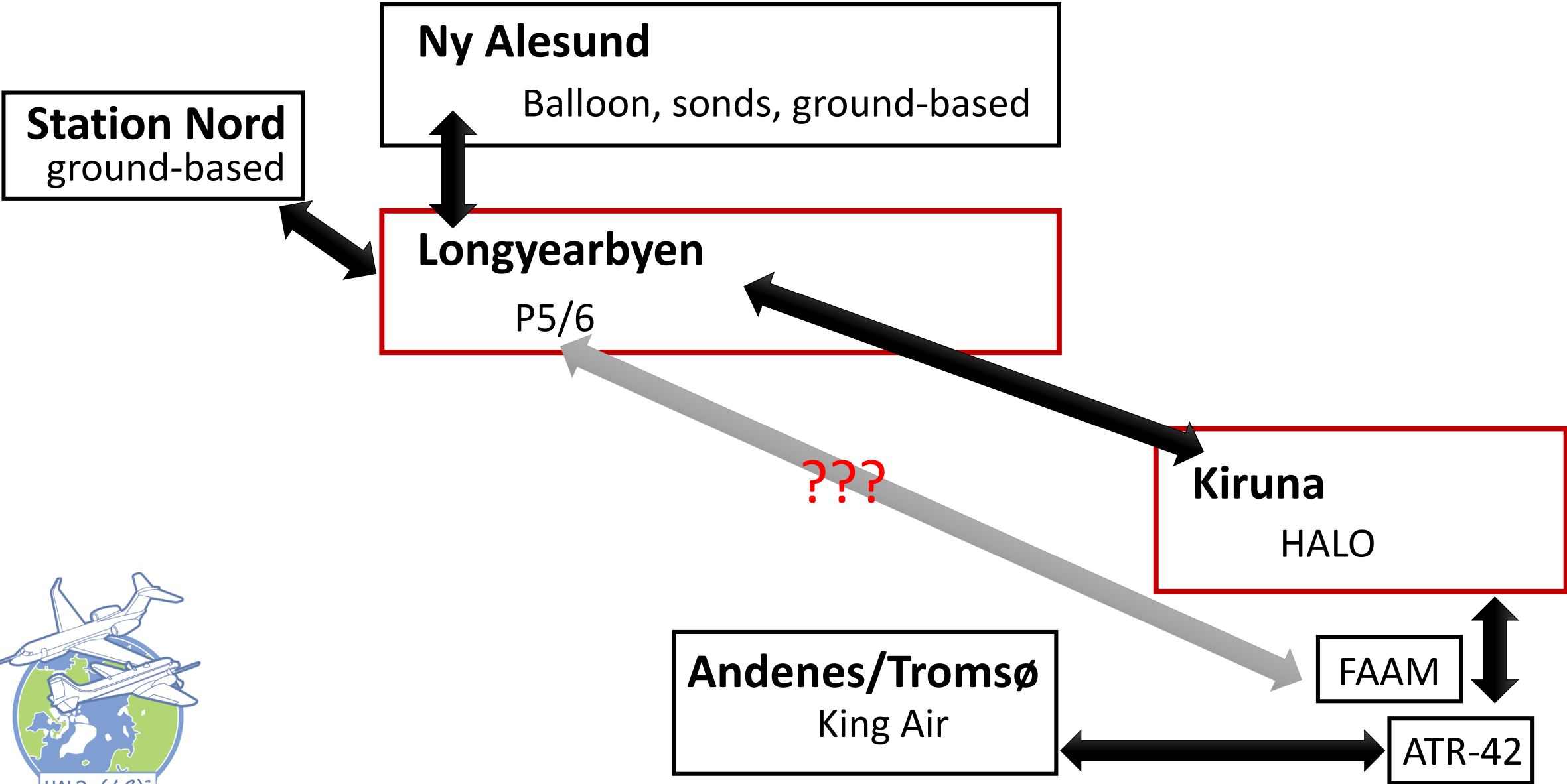
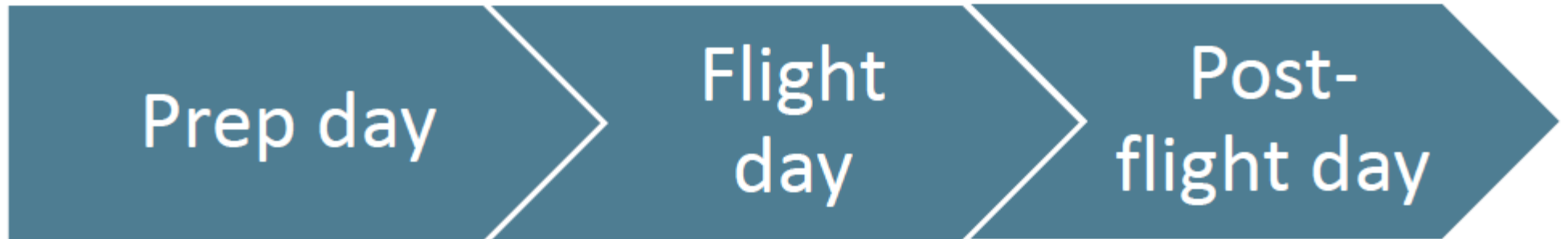


# General Coordination





A full P5/6 mission includes three days!

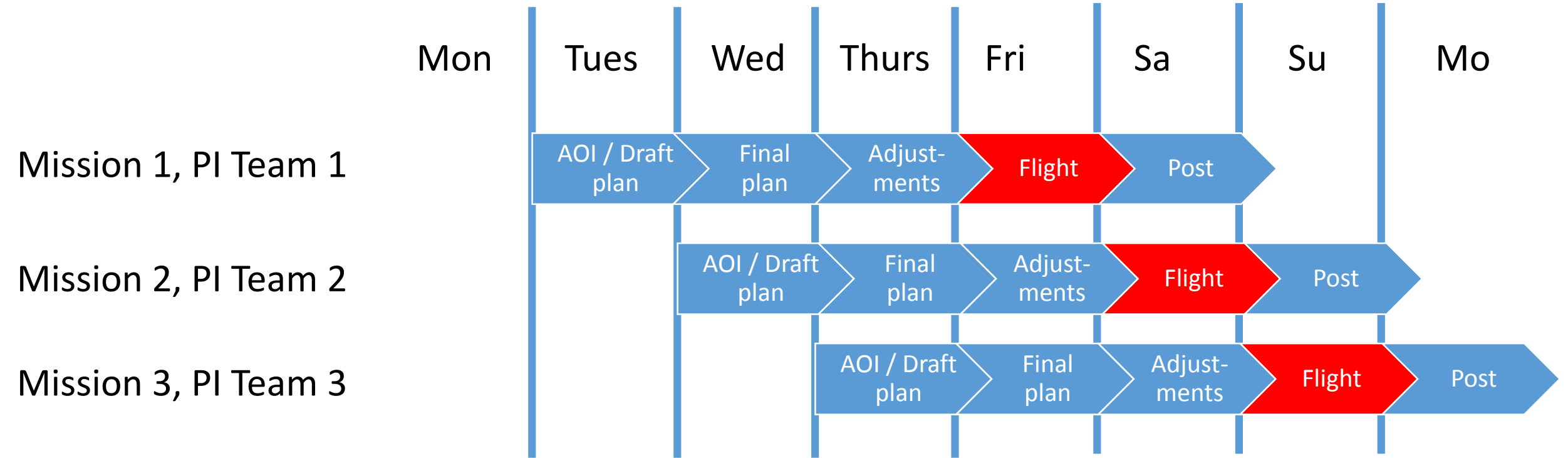


- 13:00 Met
- Discussion with
- Pis LYR- Pis Kiruna
- 18:00 Met and Presentation of plan to all participants
- 08:00 Met → Go/NoGo
- Flight
- 18:00 De-briefing
- Flight report



A full HALO mission includes five days!





Ferry Flight:

5. March → **start planning from 2. March**

First Kiruna Research Flight:

8. March → start planning from 5. March



	General meetings	Flight 1	
		HALO	P5 & P6
Day 1	08:00-09:00		
	09:00-10:00	Weather briefing / Target area identification	
	10:00-12:00	Flight planning (Day 4)	
	12:00-13:00	Meeting mit FX / Flight idea	
	13:00-13:30	Coordination between HALO & Polar 5/6	
	13:30-14:00	Coordination with FAAM / ATR / INCAS	
	14:00-16:00	Adaption Flight plan	
	16:00-18:00		
	18:00-19:00	Present Flight plan / Weather update	
Day 2	08:00-09:00		
	09:00-10:00	Weather briefing / Target area identification	
	10:00-12:00	Flight planning (Day 4)	
	12:00-13:00	Meeting mit FX / Flight plan	
	13:00-13:30	Coordination between HALO & Polar 5/6	
	13:30-14:00	Coordination with FAAM / ATR / INCAS	
	14:00-16:00	Adjust final Flight plan	
	16:00-18:00		
	18:00-19:00	Present Flight plan / Weather update	
Day 3	08:00-09:00	Submit final Flight plan	
	09:00-10:00	Weather briefing / Target area identification	
	10:00-12:00		Flight planning (Day 4)
	12:00-13:00		
	13:00-13:30	Coordination between HALO & Polar 5/6	
	13:30-14:00	Coordination with FAAM / ATR / INCAS	
	14:00-16:00		Adaption Flight plan
	16:00-18:00		Talk with Pilots
	18:00-19:00	Present Flight plan / Weather update	Submit final Flight plan
Day 4	08:00-09:00	Go / NoGo decision	Go / NoGo decision
	09:00-10:00	Weather briefing / Target area identification	
	10:00-12:00	Flight day!	
	12:00-13:00		
	13:00-13:30		
	13:30-14:00		
	14:00-16:00		
	16:00-18:00	Debriefing	Debriefing
	18:00-19:00	Present Flight plan / Weather update	



Define AOI and Mission PIs



With local meteorologist



		Go / NoGo decision	Go / NoGo decision	
Day 4	08:00-09:00			
	09:00-10:00	Weather briefing / Target area identification		
	10:00-12:00	Flight day!		
	12:00-13:00			
	13:00-13:30			Coordination between HALO & Polar 5/6
	13:30-14:00			Coordination with FAAM / ATR / INCAS
	14:00-16:00			
	16:00-18:00	Debriefing	Debriefing	
	18:00-19:00	Present Flight plan / Weather update		
Day 5	08:00-09:00			
	09:00-10:00	Weather briefing / Target area identification		
	10:00-12:00	Write Flight reports		
	12:00-13:00			
	13:00-13:30	Coordination between HALO & Polar 5/6		
	13:30-14:00	Coordination with FAAM / ATR / INCAS		
	14:00-16:00	Write Flight reports		
	16:00-18:00			
	18:00-19:00	Present Flight plan / Weather update		

- All adjustable to day offs and bad weather conditions for starting/landing and ...
- Russian airspace: fixed route 3 days ahead



## Weather briefing – Morning (<15min)

- General outlook 5-day synoptic situation/development
- Detailed outlook P5/P6 flight day (day+1) Svalbard area
- Detailed outlook HALO flight day (day+2) large area

## Weather briefing – Evening (5-10 min)

- What did change for the flight days / area of flights?
  - in combination with proposed flight pattern
- Significant changes in the 5 day outlook





## Weather forecast team

- Aim to prepare a manuscript of the campaign period synoptics
- Prepare an overview on synoptic conditions
- How different is HALO-(AC)<sup>3</sup> compared to climatology?
- Describe specific IOPs (Warm air outbreak event, Polar low,...)
  
- Who?
  - Kiruna: Andreas Walbröl  
Benjamin Kirbus  
.... ???
  - LYR Hanno, Imke, Tim, Nina,..... ???



## Flight operations – Ny Alesund

→ someone at Longyearbyen ????



## Aircraft – Aircraft during flight

- direct via PLANET (Mission PIs on board)
- FAAM will not have PLANET...
- updates weather situation
- updates satellite images
- ....

→ **ground PIs at Kiruna + LYR**  
- Joint zoom room / Slack....



Wiki Webpage: [https://home.uni-leipzig.de/~ehrich/HALO\\_AC3\\_wiki\\_doku/doku.php](https://home.uni-leipzig.de/~ehrich/HALO_AC3_wiki_doku/doku.php)

HALO-(AC)<sup>3</sup>  Search  Search André Ehrlich (andre)  

Trace: • start

### HALO-(AC)<sup>3</sup>

Overview

News

Blog

Meetings & Contacts

### POLAR aircrafts

Weather & Briefings

Flight Logs

Quicklooks

### HALO aircraft

Weather & Briefings

Flight Logs

Quicklooks

### Dry Run

Weather & Briefings

### Links

Weather

Miscellaneous

RSS Feed

Logo

### How to use Wiki

## HALO-(AC)<sup>3</sup> Wiki

Quasi-Lagrangian airborne observations during HALO-(AC)<sup>3</sup>

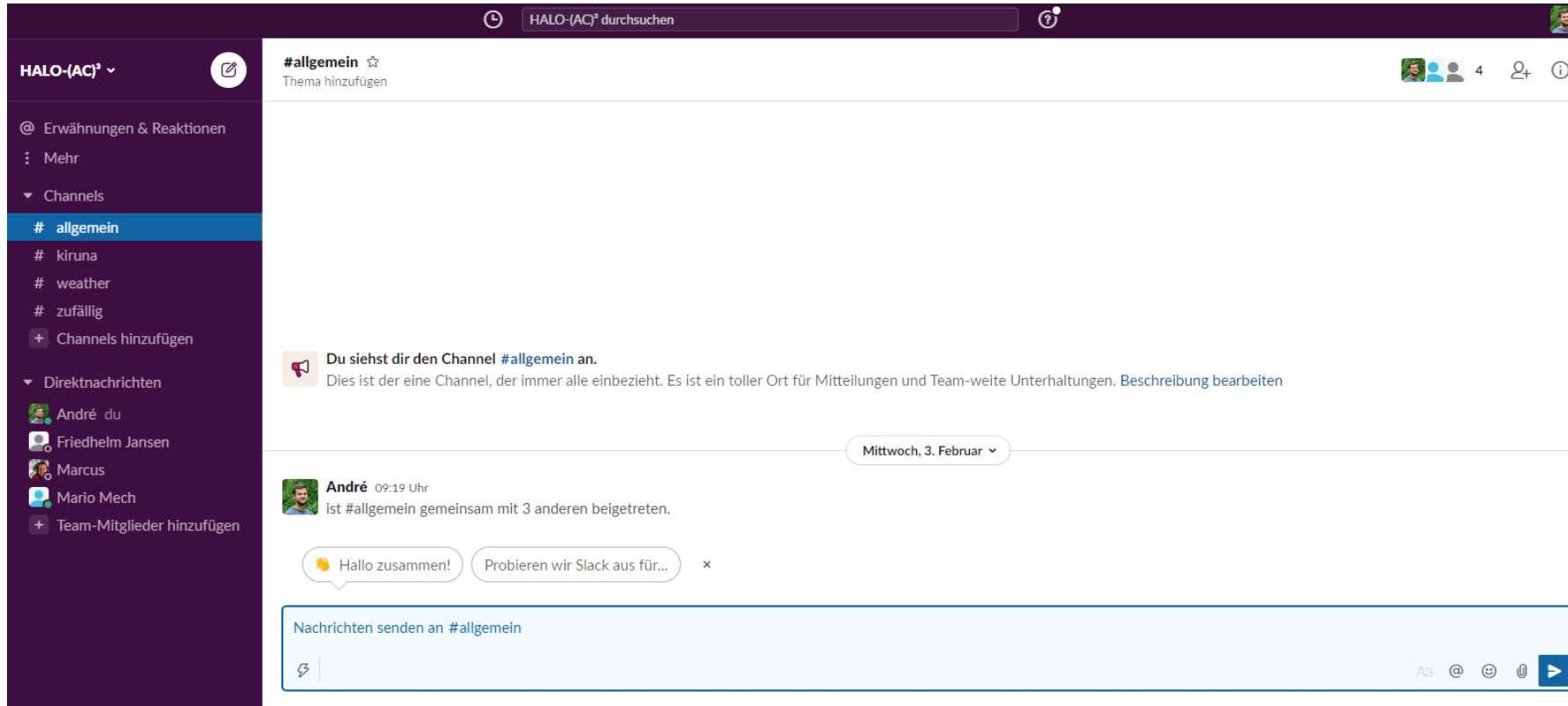
15 March to 14 April 2022, Longyearbyen/Svalbard and Kiruna/Sweden



On these pages you will find all about:

- News
- Weather & Briefings
- Meetings & Contacts

Slack Messenger: <https://halo-ac.slack.com>



The screenshot shows the Slack interface for the #allgemein channel. The left sidebar displays the team name 'HALO-(AC)' and a list of channels including #allgemein, #kiruna, #weather, and #zufällig. The main content area shows a welcome message for the channel and a notification from André stating that he and three other team members have joined the channel. Below the notification, there are two message bubbles: 'Hallo zusammen!' and 'Probieren wir Slack aus für...'. At the bottom, there is a text input field for sending messages to the channel, with a search bar above it containing 'HALO-(AC)³ durchsuchen'.

Registration link (valid until 5 March):

[https://join.slack.com/t/halo-ac/shared\\_invite/zt-m3bvdo1s-OX0y3KdBUbuSVTbvNagX9A](https://join.slack.com/t/halo-ac/shared_invite/zt-m3bvdo1s-OX0y3KdBUbuSVTbvNagX9A)

**Chat**

HALO4

HMT01 HMT02 HMT03 HMT04 HMT05

WP1 WP2 WP3 WP4 WP5

**subcloud 1**

HALO 18:57  
Von 60 Min Kreis, gibt's heute nur in 10 Minuten nennenswert Wolken. Aber immerhin... kaum sind mal Wolken da, gab's auch eine Glorie!

PLNT 19:17  
Ich persönlich mag Glorien ja NOCH lieber als cloudbows!

HALO 19:18  
Siehe upload. Hübsch oder?

PLNT 19:20  
????????

PLNT 19:32  
Super! Die Aolp-Darstellung hat ein bisschen was esoterisches.

PLNT 20:07  
Links oben (ca. 180° weiter) ist ein cooler Coldpool!

PLNT 20:07  
Wortspiel :-))

HALO 20:16  
Noch ein cooles Bild dazu.

PLNT 20:24  
Sehr gut. Unbedingt die Augen offen halten, wenn Du wieder vorbei kommst!

HALO 20:27  
Auch die Cold pools scheinen sich jetzt aufzulösen. Wir sind auf dem letzten Viertelkreis. Wir kommen gerade nochmal an dieselbe Stelle.

@ground@PLNT on channel #HALO4

**Map Interface:**

Coordinates: 13.2303°N; 58.7405°W  
397KT/+98FPM -10°

Date/Time: 2020-01-26 20:32 UTC

Map Labels: 33RO DHC6, HALO, HMT0, 06M3

Map Controls: METAR, RAD, W&T, SAT, GOESvis, GOESir, D:20:10, Buys, Custom, Pirep, WPs, Airp, E→P

