# The <u>role of the technical officer</u> (TO) in the data integration process

**Climate Change** 

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Headline:

- "The TO provides technical and scientific support to contract management officers and the CDS team to assess the content of deliverables and in the CDS."

- "The TO provides a technical link and scientific support between C3S and the data provider."





#### past-learning phase The

# Phase I: proof-of-concept

- **Document reviewing**
- Takes decisions (along with the provider),
- Discuss with Contract Officer status • of deliverables,
- Follows the technical evolution of contract,
- Participate in Cross-CDR,
- Technical point of contact in C3S •

	4.7.1	Lot 6	
	4.7.2	Lot 6	
	4.7.4	Lot 4	
	4.7.5	Lot 5	
	5.3.1	Lot 3	
	5.3.3	Lot 2	
	5.3.5	Lot 1	
	5.3.7		
	634		
	634		
	634		
	634	Lot 7	
	634	Lot 7	
	634	Lot 7	
	6.3.1 6.3.10	Lot 7 Lot 9	
	6.3.1 6.3.10 6.3.11	Lot 7 Lot 9	
cnet	5.9 6.3.10 6.3.11 6.3.12	Lot 7 Lot 9 Lot 9	
cnet	6.3.1 6.3.10 6.3.12 6.3.15	Lot 7 Lot 9 Lot 9 Lot 9	
chet	6.3.10 6.3.10 6.3.11 6.3.12 6.3.15	Lot 7 Lot 9 Lot 9 Lot 9	

2017

C3S 312a





2018



### The present – evolution phase

**Phase-II: Operational** 

- Participates actively in the contract negotiation
- TO follows the process from the start of the data integration process as a 'Watcher',
- Agrees with CDS/data provider the design of the page,
- Approve deliverables reviewed by Assimila and provide feedback when needed.

3.11

6.3.12

6.3.15

Lot

Lot 9

2017

2018

- Review QR as quick response is needed (IP? AR?),
- Liaise between data provider and C3S management
- /EQC/CDS/Contract Officer.
- Natural evolution of the role of the TO



C3S 312b

Lot 5

2020

2021

2019

2020

2021









Atmosp Air temp

Wind sp Water v recipit Surface Atmost Temper Wind

# The future – consolidation phase

	GCOS	C3S					GCOS	C3S			
	Status	Technical	CDS	Reanalysis	Observations		Status	Technical	CDS	Reanalysis	Observation
	Report	Annex					Banart	Annov		,,	
nere (surface)							Report	Annex			
erature	4.3.1	Stage III	2017	ERA5	C3S_311a	Ocean (physics)					
eed and direction	4.3.2	Stage II	2017	ERA5	C3S_311a	Sea surface temperature	5.3.1	Stage II	2017	ORA5	C3S_312a
apour	4.3.3	Stage II	2017	ERA5	C3S_311a	Subsurface temperature	5.4.1	Stage II	2017	ORA5	
	4.3.4		2017	ERA5	C3S 311a	a ( 1979)	5.0.0		204.0	0.045	
tion	435	Stage II	2017	FRAS	C35 311a	Sea surface salinity	5.3.2		2018	ORA5	
adiation budget	4.3.6	Stage II	2017	FRAS	C3S_312b	Subsurface salinity	5.4.2	Stage III	2018	ORA5	
nere (upper air)				Sea surface currents	5.3.6		2018	ORA5			
ture	4.5.1		2017	ERA5		Subsurface currents	5.4.3	Stage III	2018	ORA5	
ond and disastion	453	Store II	2017	EDAE							

#### Phase-III: Consolidated operations

Discuss with data provider specific aspects of the look&feel dataset in the CDS, ٠

- Propose to the Dataset Governance Board the publication of a dataset, ٠
- Review and validates updates to the web form, ٠

. . .

- Role of TO evolves according to needs and limitations of the service ٠
- What would we like to achieve? What is exactly the role of the TO at the EQC activity?



