

Registration for DCP Admissions

The purpose of this form is to enable you the user to register for DCP Admissions to the Meteosat system and for DCP processing via the GTS. The details supplied by you will be recorded in a database to enable efficient record keeping and future correspondence but will not be passed on to any third party.

We recommend that you read carefully the attached Explanatory Notes before completing this form.

For further information on all services provided by EUMETSAT, please consult the relevant service Technical Description. A set of Technical Descriptions is available on the EUMETSAT website: www.eumetsat.int

Section A: Contact Information (to be completed by all Users, please write in capitals)

A.1 Operator Details

Name of User:			
Organisation (if applicable):			
Street:			
Postal Code:		Telephone No: *	
City:		Fax No.: *	
Country:		E-mail: *	

A.2 Responsible Officer (if different from above)

Name:			
Telephone No: *			
Fax No.: *			
E-mail: *			

A.3 Alternative point of contact (where applicable)

Name:			
Street:			
Postal Code:		Telephone No:	
City:		Fax No.:	
Country:		E-mail:	

* **Compulsory Field**

Section B: General DCP Information

Please read the attached Explanatory Notes before completing the following sections.

B.1 Type of DCP, i.e. timing of transmissions. Please mark the relevant box with an "X".

<input type="checkbox"/>	Self-timed
<input type="checkbox"/>	Alert
<input type="checkbox"/>	Hybrid

B.2 Transmission Rate. Please mark the relevant box with an "X".

<input type="checkbox"/>	SRDCP (100 bps)
<input type="checkbox"/>	HRDCP (1200 bps)

B.3 Location of DCP. Please mark the relevant box with an "X".

<input type="checkbox"/>	Fixed Location
<input type="checkbox"/>	Mobile

B.4 Application of DCP. Please mark the relevant box with an "X".

<input type="checkbox"/>	Ship. Please give call sign:
<input type="checkbox"/>	Meteorological. Please give the WMO Station No.:
<input type="checkbox"/>	Tsunami / Tide gauge
<input type="checkbox"/>	Hydrological
<input type="checkbox"/>	Other (<i>please specify</i>):

B.4.1 Does your application form part of a WMO sponsored Programme?

<input type="checkbox"/>	Yes. Please give Programme name:
<input type="checkbox"/>	No

B.5 Technical Data of DCP

B.5.1 Name and Address of DCP Manufacturer:

Company:

Street/P.O. Box:

Postal Code: Telephone No.:

City: Fax No.:

Country:

B.5.2 DCP Type:

Model Number:

Output Power:

EUMETSAT Certification Number:.....

B.5.3 Can the DCP be programmed to transmit on more than one channel during operational deployment?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

If yes, please specify:

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B.5.4 Which of the following operational characteristics can be modified by the DCP operator? Please mark the relevant box/es with an "X".

Transmission Timeslot(s)	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Transmission Channel	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
DCP Address	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Section C: Information on DCP operations

C.1 Deployment. Please mark the relevant box with an "X" and provide the necessary information.

<input type="checkbox"/>	Test	Start Date of Test:
		Duration of Test:
		Country:.....
		Latitude:
		Longitude:
		In case of mobile DCP, please give operations range:
	

<input type="checkbox"/>	Operational	Start Date:
		End Date (if known):
		Country:
		Latitude:
		Longitude:
		In case of mobile DCP, please give operations range:
	

C.2 Maintenance of DCP

<input type="checkbox"/>	Regular maintenance	Expected number of maintenance per year:
<input type="checkbox"/>	Emergency maintenance	How soon can the DCP be reached:
		Limitation of access (please specify):
	

C.3 DCP Network/Stand-alone

Is the DCP part of an existing network?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

If yes, please specify:

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C.4 DCP Operations. For what purpose are you operating your DCP? Please mark the relevant box with an "X".

<input type="checkbox"/>	Full DCP operations
<input type="checkbox"/>	DCP operations for test purposes only

Section D: DCP Transmissions and Processing Requirements

D.1 Alert Operations (if applicable). Please indicate the expected frequency of occurrence and duration:

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Expected number per year:

Typical duration (hours):

D.2 Data Format. Please mark the relevant box with an "X".

<input type="checkbox"/>	Alphanumeric, International Alphabet No. 5
<input type="checkbox"/>	Binary Coded Decimal
<input type="checkbox"/>	CREX (Character Representation and EXchange of meteorological data)
<input type="checkbox"/>	BUFR (Binary Universal Form Representation of meteorological data)
<input type="checkbox"/>	Other (please specify):

D.3 Requested Transmission Times. Please refer to the explanation notes for further information before indicating the requested transmission times in the table below.

Transmission Time			Deviation Minutes	Transmission Length Seconds
Hour	Minute	Repetition Rate		

D.4 Requested data distribution. Please mark the relevant box/es with an “X”.

- EUMETCast - *If yes, please complete the EUMETCast Registration Form*
- Internet - *If yes, please contact EUMETSAT User Service to receive a Username and Password*
- Direct Dissemination
- GTS *

* Note that data routing via GTS is compulsory.

For any questions related to registration, please contact the EUMETSAT User Service Helpdesk at ops@eumetsat.int.

Section E: GTS Processing

E.1 What is the intended GTS distribution? Please mark the relevant box with an “X”.

- International
- Regional
- National
- Dedicated Station(s). Please specify:

E.2 Special requests for processing. Is the DCP data to be combined with data from other DCPs?

- Yes
- No

If yes, please specify:

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E.3 Please specify in the following table the associated WMO Code, Code Identifier and the recommended Bulletin Header.

GTS Processing Table					
Requested Transmission Times			WMO Code	Code Identifier	Recommended Bulletin Header - <i>Compulsory</i>
Start Hour	Minute	Repetition Rate			

E.3.1 Please give a list of DCPs to be concatenated into a single GTS Bulletin:

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Section F: Additional Information

F.1 Do you have any additional points requiring clarification?

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Section G: Returning the DCP Admission Form

Please send the completed DCP Admission Form to the address given below:

The User Service Helpdesk
EUMETSAT
Eumetsat-Allee 1
64295 Darmstadt
GERMANY

Tel: +49 6151 807 3660/3770
Fax: +49 6151 807 3790
Email: ops@eumetsat.int

Explanatory Notes for the DCP Admission Form

In order to ensure a rapid response, all requested information should be provided. It is assumed that the applicant is familiar with the document:

Meteosat Data Collection and Distribution Service – TD 16

The admission form can be completed by a DCP manufacturer, if acting as an agent for the operator.

The following text is intended to help in the completion of the admission form.

Section B - General DCP Information

This section contains information describing the type of DCP and the DCP equipment to be used.

B.1 Type of DCP: Types could be self-timed, alert or hybrid (DCP with self-timed and alert functions).

B.2 Transmission channel: Defines whether DCP data shall be transponded by all CGMS co-ordinated geostationary spacecraft (International) or by Meteosat only (Regional). International DCPs are normally used for mobile applications if the DCP is operating within the telecommunication range of various spacecraft. International co-ordination between the different spacecraft operators is required in this case and will be managed by EUMETSAT.

B.3 Location of DCP: Indicate whether DCP is fixed or mobile. Exact location or operations range is required in Section C.

B.4 Application of DCP: The intended application and associated information is required. In the case where the application is different from those indicated, additional specification is required.

B.5 Technical Data of DCP: Only DCP equipment, which has passed type certification tests, is admitted to the Meteosat DCP system. All DCPs should be GPS time controlled. A list of manufacturers can be obtained from EUMETSAT.

Section C - Information on DCP Operations

C.1 Deployment: Two sets of data are requested: dates and locations of both test operations and routine operations. In the case of fixed locations the longitude and latitude should be given; in the case of mobile operations it is necessary to specify the foreseen operations range (i.e. geographical extremes). In the case of meteorological DCP, the WMO station number is required.

C.2 Maintenance: Please note that normally the DCP operator is expected to be able to correct any invalid transmissions and any malfunction which interferes with nominal DCP operations within 72 hours. If this constraint cannot be accommodated, then the matter should be immediately discussed with EUMETSAT. Any limitations of access during specific periods of time, e.g. winter, should be indicated.

C.3 DCP Network/Stand-alone: This information is required in order to allocate appropriate transmission channels. Please indicate the name of the network or of already-existing DCP.

Section D - DCP Transmissions and Processing Requirements

D.1 Alert Operations (if applicable): Please specify details of the expected alert operations in order to allocate appropriate time slots.

D.2 Data Formats: Please indicate the data format transmitted by the DCP. The International Alphabet No. 5 should always be used for messages forwarded to the GTS. For further information please refer to WMO document "Manual on Codes", No. 306. If you are using other data formats, details must be provided before approval by EUMETSAT.

D.3 Requested Transmission Times: Please note that requests for precise transmission times cannot always be fulfilled due to constraints on channel capacity. Allocated time slots will be confirmed by EUMETSAT.

Transmission Times: Please indicate the requested transmission times, i.e. the hours in Universal Time Co-ordinated (UTC) within which the transmission is to take place and the minute at which the transmission is to begin.

Deviation: The deviation defines the acceptable tolerance from the value given in minutes. It should be noted that narrowing the tolerance may complicate the allocation of the DCP due to constraints on channel capacity.

Transmission Length: Please indicate the approximate length of the whole transmission in one time slot including the initial 5 second unmodulated carrier, the 2.5 second preamble, the synchronisation word transmission, the data itself, and the End of Transmission sequence. The maximum length of transmission should not exceed 60 seconds.

D.4 Requested Data Distribution: For data that are not time-critical, DCP data can be downloaded from the EUMETSAT Internet site. See the EUMETSAT technical manual EUM TD 16 for further information.

Section E - GTS Processing

E.1 GTS Distribution: Do the DCP messages forwarded to the GTS have to be distributed on an international, regional or national basis? Additionally, specific GTS reception destinations may be specified.

E.2 Special Processing Requirements: Please indicate if transmitted DCP data should be combined with data from other DCP, e.g. in the same GTS bulletin.

E.3 GTS Processing Table: Please specify with each time slot allocation the associated WMO Code, the Code Identifier and the recommended Bulletin Header. For detailed instructions refer to "Manual on the Global Telecommunication System", WMO No.386.

For assistance in obtaining the correct GTS processing codes and bulletin headers, operators should seek assistance from their local Regional Telecommunications Hub (RTH) and their National Meteorological Service.

Transmission Times: Indicate the starting hour (in Universal Time), the Repetition Rate and the minute at which the transmission is to begin.

WMO Code: Please specify the WMO Code Form used for the meteorological messages transmitted by the DCP, e.g. FM 12-X for a synoptic report.

Code Identifier: String of 4 characters which corresponds to the specified WMO Code, e.g. AAXX for a synoptic report.

Recommended Bulletin Header: Please note that a set of standard bulletin headers is already available. The establishment of new bulletin headers has to be agreed by EUMETSAT in conjunction with RTH Offenbach.

Important note:

DCP operators intending to use the Meteosat DCS need to observe the DCP Data Policy as defined in EUMETSAT Data Policy which is available on EUMETSAT website under "Legal Information".