	UNCLASSIFIED / LIMITE	020c / 25
	Re-entry Notification Message	1972-023E

SSAC-PL-RE-25-020c-72023E

Creation Date (UT) 2025-05-09 10:15

Object name	COSMOS 482 DESCENT CRAFT
NORAD / COSPAR ID	6073 / 1972-023E
Type	Payload
Size	MEDIUM
	~1 m x 1 m x 1 m
Mass	495 kg
Launch date	31 Mar 1972

Event characteristics

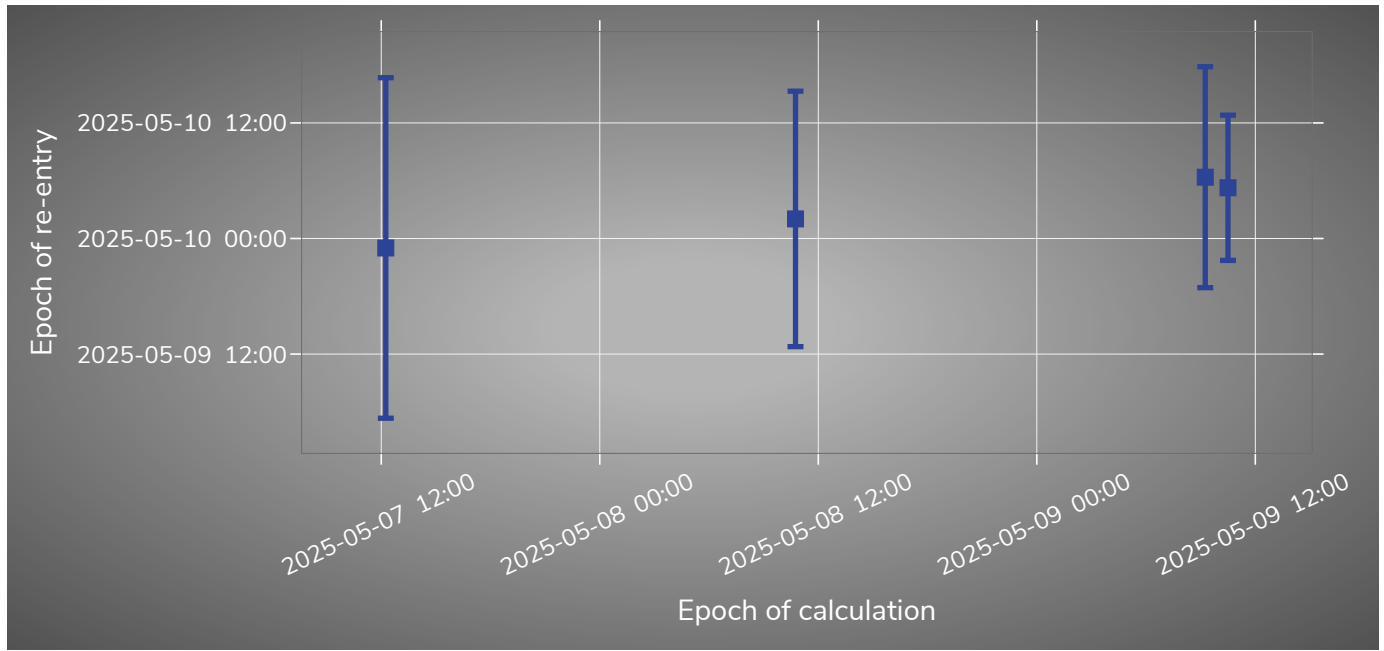
Name	Unit / Format	Value	
Re-entry epoch	UT	2025-05-10 05:16	
Epoch uncertainty	HH:MM	± 07:32	
Window Start	UT	2025-05-09 21:44	
Window End	UT	2025-05-10 12:48	
Max. Latitude	deg	51.95	
Nominal re-entry point	deg	Lat	Lon
		-39.85	154.09
Direction	-	Descending	
Apogee	km	224.490	
Perigee	km	134.100	
Inclination	deg	51.95	
Risk index*	-	● HIGH	

* Legend:

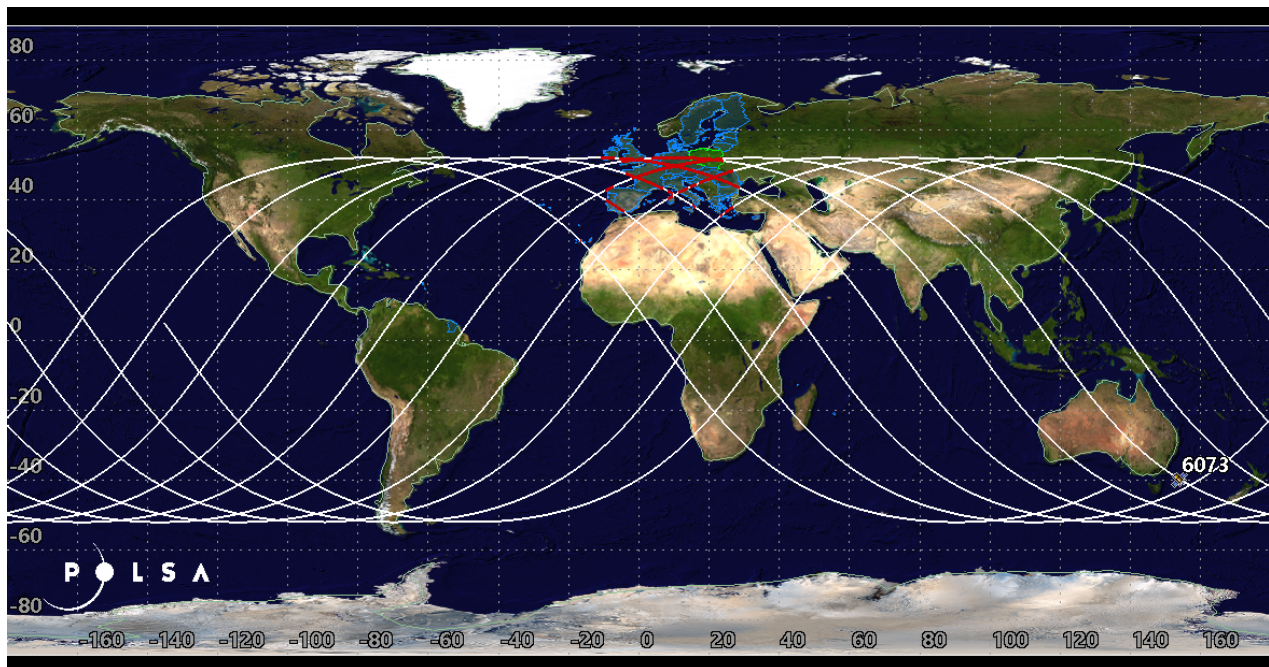
● UNKNOWN	object of unknown characteristics
● LOW	lightweight object without harmful substances
● MEDIUM	middleweight object
● HIGH	most of object's mass is expected to survive reentry

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Estimated Re-entry Window Evolution



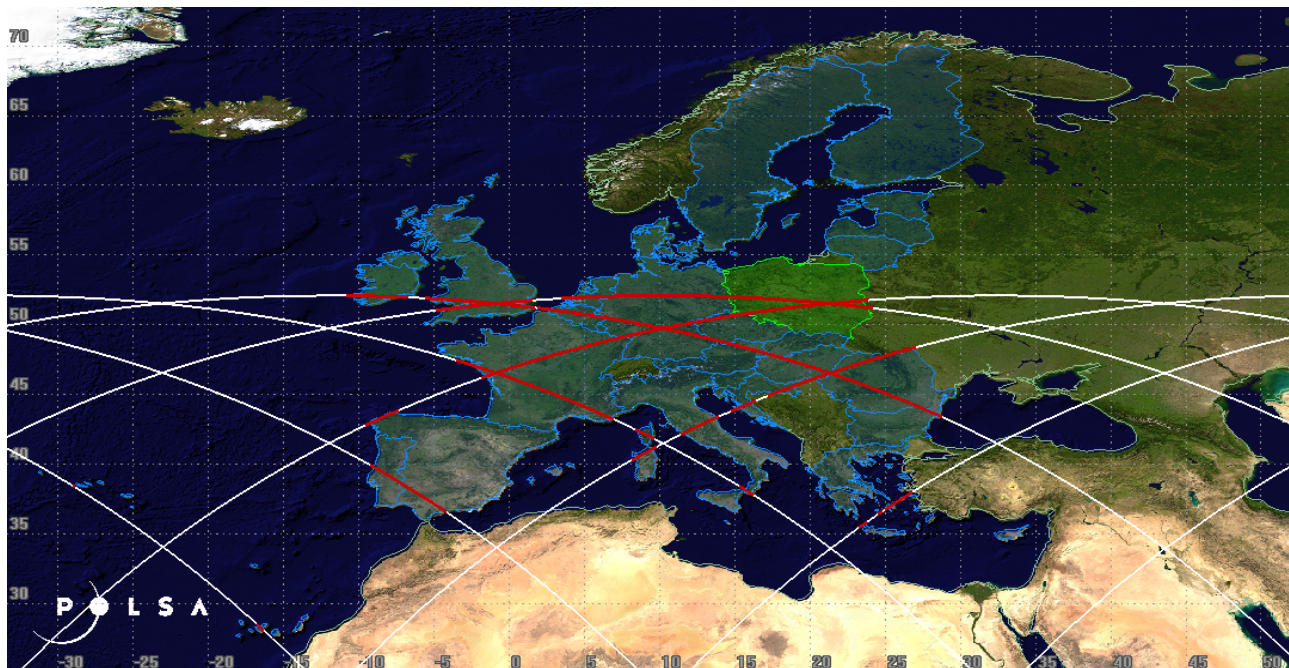
Map of the whole ground track



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Map of the whole ground track across the Area of Interest



Map of the ground track over Poland



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Overflights across the Area of Interest (AOI)

AOI (ISO 3166-1)	Entry			Exit		
	Epoch	Lat	Lon	Epoch	Lat	Lon
	(UT)	[deg]	[deg]	(UT)	[deg]	[deg]
AT	2025-05-10 07:39	48.93	13.62	2025-05-10 07:40	47.86	17.39
BE	2025-05-10 07:37	51.15	2.22	2025-05-10 07:38	50.45	6.70
BG	2025-05-10 07:42	44.32	26.78	2025-05-10 07:42	43.37	28.82
HR	2025-05-10 03:06	43.93	15.02	2025-05-10 03:07	44.57	16.42
HR	2025-05-10 03:07	44.92	17.23	2025-05-10 03:07	45.76	19.28
HR	2025-05-10 03:06	43.83	14.80	2025-05-10 03:06	44.10	15.38
CZ	2025-05-10 04:37	50.10	11.85	2025-05-10 04:38	50.88	16.29
CZ	2025-05-10 07:39	49.20	12.54	2025-05-10 07:40	48.55	15.03
FR	2025-05-10 04:35	46.23	-1.75	2025-05-10 04:37	49.25	8.06
FR	2025-05-10 07:37	51.20	1.87	2025-05-10 07:38	51.06	2.91
FR	2025-05-10 09:07	47.42	-3.43	2025-05-10 09:10	43.21	6.96
FR	2025-05-10 09:10	42.51	8.35	2025-05-10 09:10	41.80	9.68
FR	2025-05-10 04:35	46.18	-1.86	2025-05-10 04:35	46.42	-1.23
FR	2025-05-10 09:07	47.46	-3.53	2025-05-10 09:08	47.21	-2.79
DE	2025-05-10 04:36	48.93	6.79	2025-05-10 04:38	50.45	13.72
DE	2025-05-10 04:38	50.61	14.62	2025-05-10 04:38	50.69	15.09
DE	2025-05-10 06:07	52.01	5.81	2025-05-10 06:09	51.99	15.09
DE	2025-05-10 07:38	50.62	5.75	2025-05-10 07:39	48.79	14.15
GR	2025-05-10 01:36	35.48	23.26	2025-05-10 01:36	35.90	23.83
GR	2025-05-10 01:36	36.86	25.14	2025-05-10 01:36	37.32	25.79
GR	2025-05-10 01:36	37.32	25.79	2025-05-10 01:36	37.85	26.56
GR	2025-05-10 01:36	36.77	25.01	2025-05-10 01:36	37.16	25.57
GR	2025-05-10 01:36	36.43	24.54	2025-05-10 01:36	36.64	24.83
GR	2025-05-10 01:36	36.73	24.96	2025-05-10 01:36	37.01	25.36
GR	2025-05-10 01:36	37.66	26.28	2025-05-10 01:36	38.03	26.83
HU	2025-05-10 03:07	45.76	19.27	2025-05-10 03:08	46.73	21.85
HU	2025-05-10 07:40	48.04	16.80	2025-05-10 07:41	46.44	21.59

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AOI (ISO 3166-1)	Entry			Exit		
	Epoch (UT)	Lat [deg]	Lon [deg]	Epoch (UT)	Lat [deg]	Lon [deg]
IE	2025-05-10 07:35	52.09	-10.81	2025-05-10 07:36	51.97	-6.70
IT	2025-05-10 03:06	42.13	11.40	2025-05-10 03:06	43.44	13.99
IT	2025-05-10 09:12	38.35	15.42	2025-05-10 09:12	37.79	16.26
IT	2025-05-10 09:12	38.43	15.29	2025-05-10 09:12	38.09	15.80
IT	2025-05-10 03:05	40.30	8.14	2025-05-10 03:05	41.26	9.80
NL	2025-05-10 06:07	51.89	3.54	2025-05-10 06:07	52.06	7.26
NL	2025-05-10 07:38	50.68	5.38	2025-05-10 07:38	50.55	6.12
NL	2025-05-10 06:07	51.89	3.47	2025-05-10 06:07	51.93	4.11
PL	2025-05-10 04:38	50.64	14.79	2025-05-10 04:39	51.77	23.92
PL	2025-05-10 06:09	52.02	14.38	2025-05-10 06:10	51.19	24.18
PT	2025-05-10 10:38	39.93	-9.22	2025-05-10 10:39	38.54	-7.03
PT	2025-05-10 12:05	38.46	-29.03	2025-05-10 12:05	38.34	-28.84
RO	2025-05-10 03:07	46.02	19.96	2025-05-10 03:09	48.40	27.07
RO	2025-05-10 07:41	46.65	21.01	2025-05-10 07:42	43.53	28.49
SK	2025-05-10 07:40	48.06	16.71	2025-05-10 07:40	47.53	18.42
SP	2025-05-10 04:33	42.80	-9.55	2025-05-10 04:34	43.90	-7.28
SP	2025-05-10 10:38	38.83	-7.47	2025-05-10 10:39	36.52	-4.10
SP	2025-05-10 12:09	28.55	-16.79	2025-05-10 12:09	28.02	-16.25
GB	2025-05-10 06:06	51.04	-4.86	2025-05-10 06:07	51.76	1.60
GB	2025-05-10 07:36	51.91	-5.59	2025-05-10 07:37	51.22	1.75
GB	2025-05-10 07:37	51.38	0.39	2025-05-10 07:37	51.28	1.25

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