ICEYE

DISCOUNTED ICEYE SAR DATA FOR COMPANIES FUNDED BY ESA INCUBED PROGRAMME

ICEYE SAR DATA IS SUPPORTED BY INCUBED, A PROGRAMME OF, AND FUNDED BY ESA, THE EUROPEAN SPACE AGENCY.
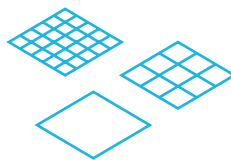
ESA InCubed Programme stands for "Investing in Industrial Innovation" and is a Public Private Partnership co-funding programme run by ESAΦ-lab. InCubed focuses on developing innovative and commercially viable products and services that exploit the value of Earth observation imagery and datasets.

-30%
DISCOUNT FOR COMPANIES FUNDED BY ESA INCUBED PROGRAMME

▶ Applicable period: up to 12-months from the project start date.

▶ To be eligible, companies must produce a signed contract or letter from ESA which shows the contract start date.

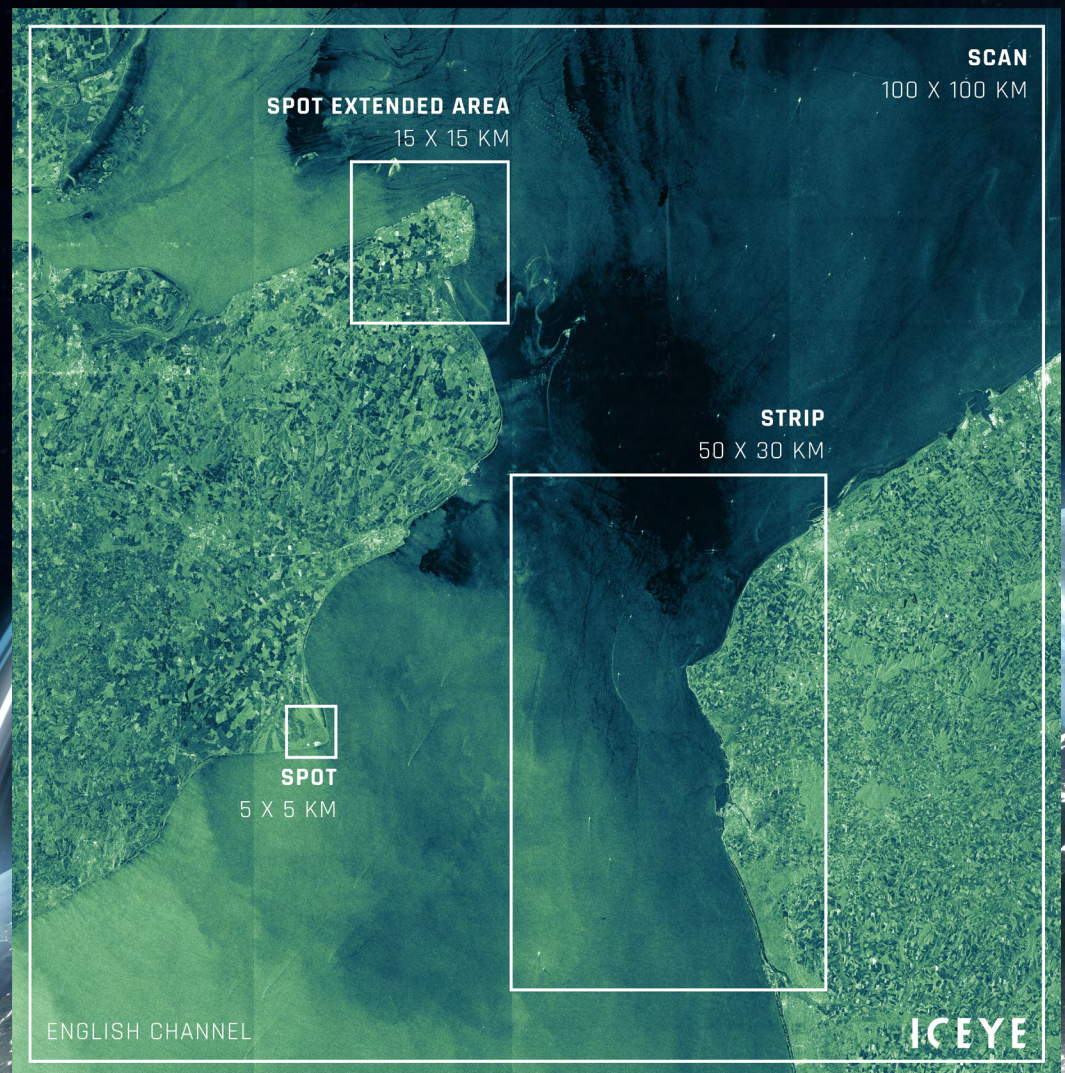▶ Valid for both new and archived acquisitions.

UNPRECEDENTED FLEXIBILITY

WITH SPOT, STRIP AND SCAN IMAGING MODES, MONITOR AREAS **UP TO 10,000 KM²** AND ZOOM IN TO AREAS OF INTEREST AT VERY HIGH RESOLUTION
– DOWN TO UNDER 1 M.*

* The discount is offered only on standard SAR data products (see next page)

MULTI IMAGING MODES FROM ICEYE

ICEYE'S UNIQUE ANTENNA IS AN ELECTRONICALLY-STEERED PHASED ARRAY THAT CAN BE CONTROLLED TO ENABLE A RANGE OF IMAGING MODES FOR DEMANDING OPERATIONAL NEEDS.

SCAN
100 X 100 KM

SPOT EXTENDED AREA
15 X 15 KM

STRIP
50 X 30 KM

SPOT
5 X 5 KM

ENGLISH CHANNEL

ICEYE

ICEYE SAR IMAGING MODES

UP TO 25 CM RESOLUTION

UP TO 10.000 KM² SCENE SIZE

SPOT MODE

Enables the finest resolution and largest available scene size for detailed monitoring, delivered up to multiple times per day and in any weather. Use Spot mode for object identification and highly detailed change detection.

STRIP MODE

Is perfect for detecting changes to vast sea and land areas. Use Strip mode to see and respond to natural disasters and illegal activities and to persistently monitor borders, coastal areas or any location of interest.

SCAN MODE

Can cover an area up to 100 km by 100 km. Scan mode is particularly effective for acquiring wide coverage imagery for maritime use cases, where national security authorities and maritime safety officials need persistent visibility.

IMAGING MODE	UNITS	SPOT	SLEA	STRIP	SCAN
NOMINAL SWATH WIDTH X LENGTH	KILOMETERS	5 X 5	15 X 15	30 X 50	100 X 100
NOMINAL COLLECTION DURATION	SECONDS	10	10	10	15
SINGLE LOOK SLANT RANGE RESOLUTION	METERS	0.5	0.5	0.5 TO 2.5	N/A
SINGLE LOOK AZIMUTH RESOLUTION	METERS	0.25	1	3	N/A
GROUND RANGE RESOLUTION	METERS	1	1	3	15
GROUND AZIMUTH RESOLUTION	METERS	1	1	3	15
RANGE LOOKS		1 TO 2	1 TO 2	1	1
AZIMUTH LOOKS		4	1	1 TO 2	1
INCIDENCE FOR NOMINAL PERFORMANCE	DEGREES	20 - 35	20 - 35	15 - 30	21 - 29
NESZ	DB	-18.5 TO -15	-18.5 TO -15	<-21.5 TO -20	-22.2 TO -21.5
MAXIMUM IMAGE DURATION	SECONDS	10	10	72	75
MAXIMUM IMAGE LENGTH	KILOMETERS	N/A	N/A	500	500

FOR MORE INFORMATION, CONTACT:

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esa

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