SECRET — REL NATO — EXERCISE — THIS IS A FICTIONAL DOCUMENT

OPERATION JANUS

NARVA

A Russian snap exercise on the Narva front, and the relief of the deterrent patrol at Brest: two theatres on one clock, and not a shot at a Russian unit

FIG. 1 · TWO THEATRES, 181100Z



WGS 84 · ICAO 1:1 000 000

D-DAY	DURATION	FORCE	ROE
18 JAN 2027 · 1200Z	48 HOURS	2 SSBN · 1 SSN · 4 SHIPS · LYNX	PEACETIME

COMMAND: MODERN OPERATIONS · SCENARIO BY TOTOBIMBO · 2027 — OPORD 27-012 · 181100ZJAN27

OPERATION ORDER 27-012

OPERATION JANUS — RELIEVE THE DETERRENT PATROL AT BREST UNSEEN, AND HOLD THE NARVA FRONT WITH THE LYNX DETACHMENT AND THE ESTONIAN DEFENCE FORCES DURING THE RUSSIAN SNAP EXERCISE; 18–20 JAN 27

ORIGINATOR	The Chief of the Defence Staff, Planning and Conduct Centre (CPCO), Paris
DATE-TIME GROUP	181100ZJAN27
SERIAL	CPCO/OPS/JNS/27-012
ADDRESSEE	The CPCO watch commander, Operation JANUS (COM JANUS)
INFO	CECLANT, Brest · FOST, Brest (FS LE TEMERAIRE, FS LE VIGILANT, FS SUFFREN by submarine broadcast) · FS AQUITAINE · FS BRETAGNE · FS AMIRAL RONARCH · FS CEPHEE · Lann-Bihoué, Lanvéoc and Landivisiau naval air stations · Île Longue base security · LYNX detachment, Tapa · FS SAGITTAIRE (SNMCMG 1) · the French liaison officer to the 1st Estonian Brigade · the defence attachés in Tallinn and Helsinki · the Maritime Prefecture of the Atlantic
REFERENCES	A. CPCO directive of 181030ZJAN27: Operation JANUS B. DRM INTSUM 27-019, 181000ZJAN27: Russian snap exercise, Leningrad MD C. FOST relief order, LE TEMERAIRE / LE VIGILANT (extract) D. Rules of engagement, profile JANUS, 181030ZJAN27 E. Technical arrangement with Estonia on the LYNX detachment; fire authority over Estonian territory F. Tide predictions, Brest, 18–20 JAN 27 G. Meteorological and astronomical forecast, 181000ZJAN27
ANNEXES	A · B · C · D · E · F · G · H · J · K
APPENDICES	B/1 Intelligence overlay · C/1 Operations overlay, Atlantic · C/2 Operations overlay, Estonia Bound as landscape sheets after Annexes B and C.
TIME ZONE	ZULU throughout. Local time is UTC+1 in France, UTC+2 in Estonia.
MAP REFERENCE	SHOM charts of the approaches to Brest; Estonian Land Board 1:50 000; ICAO 1:1 000 000 · WGS 84 · positions in degrees and decimal minutes
COPY	Copy 1 of 16

RECORD OF CHANGES

NO	DTG	CHANGE	AUTHORITY	ENTERED BY
01	181110Z	Paragraph 1 and Annex B: **Moscow announces at 1200Z a snap exercise of the Leningrad Military District on the Narva front.** The notification reached Tallinn at 1050Z.	DRM	CF LEMOINE
02	181120Z	Annex E: **the relief goes ahead as planned.** FOST confirms LE TEMERAIRE ready from 1200Z; LE VIGILANT's limit will be given by CECLANT.	CPCO	CF LEMOINE
03	181135Z	Annex D rule J-04: **fire on drones over Estonia only under an authorization of Tallinn in force**; asked through the CPCO.	CPCO/LEGAD	LV MARCHAL

DISTRIBUTION

ADDRESSEE	COPIES	MEANS
COM JANUS, CPCO	1–2	Hand
CECLANT; FOST	3–4	Secure signal
FS LE TEMERAIRE, FS LE VIGILANT, FS SUFFREN	5–7	Submarine broadcast, at the next schedule
FS AQUITAINE, FS BRETAGNE, FS AMIRAL RONARCH, FS CEPHEE	8–11	Secure signal
Naval air stations; Île Longue base security	12	Secure signal, extract: Annexes A, E, G
LYNX detachment; FS SAGITTAIRE	13–14	Secure signal, extract: Annexes A, D, F
Liaison officer, 1st Estonian Brigade	15	Liaison, extract: Annex F
Joint registry	16	Registry

> This order is issued an hour before a Russian exercise that may be no more than an exercise, on the day France relieves her deterrent patrol. **France is not at war, and no shot is to be fired at a Russian unit.** The two tasks are unrelated on paper. Moscow will not treat them so: **what we do at Narva will be answered off Brest, and a clean relief is itself an answer to Narva.**

1. SITUATION

a. Adversary forces

(NR) No state of hostilities exists; the heading is doctrinal. **Estonia.** At 1200Z Russia announces a snap exercise of the Leningrad Military District along the Estonian border A1. A combined-arms group leaves its garrisons at **Luga** (58°44.4'N 029°51.0'E) and **Pskov** (57°49.2'N 028°19.8'E) for the line Kingissepp–Ivangorod, across the river from Narva B2. Its stated purpose is training; its real purpose is not known.

WHAT	ON THE PLOT	REMARKS
GROUND FORCE	Side RUSSIA, UNFRIENDLY, when detected	Tanks (T-72BM), mechanised infantry (BMP-2M, BTR-82A), Tor-M2 and Pantsir air defence, EW (Krasukha-4, Borisoglebsk-2, Leer-3), Msta-S artillery, a Zoopark radar, trucks B2. Arrival on the border expected in the afternoon of the 19th
DRONES	Side RUSSIA	Orlan-10, launched from the Ivangorod side. Over Narva before, recently over Auvere
BORDER GUARDS	Not seen by our sensors	Have crossed the frozen river near Vasknarva before. Reported by the Estonian Border Guard; the game shows them by message and reference point
AIR	Side RUSSIA	Fighters may probe the airspace over the Gulf of Finland. Tu-142 from Kola can reach the Atlantic approaches in some hours
SUBMARINES	Side RUSSIAN NAVY, not on the plot	A Yasen-class SSN believed in the approaches to Brest C3; a Kilo possible C3. Annex B paragraph 3
SHIPS	Side RUSSIAN NAVY, UNFRIENDLY	Intelligence ship **VASILY TATISHCHEV** off Ouessant B2; corvette **SOOBRAZITELNY** on passage down the Channel A1
GREY ZONE	Side SHADOW, NEUTRAL	Trawlers in the Iroise; an intelligence trawler; drones over Île Longue at night; the bulk carrier **MV BALTIC PEARL** due over the Helsinki–Tallinn cable

(NR) **Atlantic.** Every relief of the patrol is watched. The Russians try to learn the hour of the departure, the point where the SSBN dives and the way she takes; and where the returning boat comes from. They use their submarines, the intelligence ship, trawlers, drones over the base and, when they can, maritime patrol aircraft.

a. Adversary forces (continued) — most likely and most dangerous

(NR) **Most likely.** An exercise that tests and then goes home: drones over Narva at dusk and in force in the first night, a crossing at Vasknarva by day, groups on the ice of Lake Peipus in the second night, each a little further if unanswered. Off Brest, the Yasen waits at the edge of the shelf for the boat the others have seen leave.

(NR) **Most dangerous.** The exercise is the preparation of an operation, and a French act at Narva gives it its pretext; or LE TEMERAIRE is followed off the shelf and the deterrent is shown to be visible; or LE VIGILANT comes in before LE TEMERAIRE is gone and France has no SSBN at sea. *The staff notes that each of the three can be started by us.*

b. Friendly forces

(NR) Task organisation at Annex A. **Atlantic:** FS LE TEMERAIRE alongside at Île Longue; FS LE VIGILANT returning, 47°24.0'N 009°00.0'W at H-hour, deep; FS SUFFREN deep west of Brest; FS AQUITAINE and FS AMIRAL RONARCH in the Rade; FS BRETAGNE in the Iroise; FS CEPHEE at the channel; three Atlantique 2, two Caïman, two Rafale. **Baltic:** FS SAGITTAIRE in Tallinn. **Estonia:** the LYNX detachment at Tapa, its light infantry at Rakvere, PATROLLER 1 at Ämari. **Nothing is airborne at H-hour and no mission is ready-made.**

c. Attachments and detachments

(NR) The LYNX detachment stays under the operational control of the 1st Estonian Brigade; the CPCO directs its use for this operation, reference E. FS SAGITTAIRE is detached from SNMCMG 1 for the cable. The Estonian Defence Forces in Ida-Viru, the British battlegroup at Tapa and NATO air policing at Ämari are allies, not under command.

d. Civil considerations and environment

(NR) **Ida-Viru.** Narva is a Russian-speaking city of fifty thousand; the Auvere power plants are critical national infrastructure. Four built-up areas are closed to any fire: Narva, Narva-Jõesuu, Sillamäe, Jõhvi. GNSS jamming has been reported across the county since the morning.

(NR) **Iroise.** Fishing as usual; French waters to 12 nm. **Gulf of Finland:** the eastern gulf is icing; the cable route is open.

(NR) **Light, tide and weather.** Sunset 1350Z at Narva, 1655Z at Brest; the moon is nearly full and up most of the night at Brest. **High water at Brest 190023Z, 191306Z, 200137Z.** Forecast at Annex J.

2. MISSION

(NR) **COM JANUS, from 181200ZJAN27 to 201200ZJAN27, relieves the deterrent patrol — FS LE TEMERAIRE diluted in the Atlantic, FS LE VIGILANT alongside at Île Longue — without either being tracked and without a gap in the patrol, and holds the Narva front with the LYNX detachment alongside the Estonian Defence Forces without a shot at a Russian unit, in order that the deterrent stays credible and Moscow finds neither a weakness nor a pretext.**

3. EXECUTION

a. Commander's intent

(NR) **Purpose.** Moscow is testing two things at once: whether Estonia's allies will stand at Narva, and whether the French deterrent can be seen. We answer both, and give it nothing to use.

(NR) **Method.** In the Atlantic: **deny the Russians the hour, the point and the way** — sweep the channel, board the trawlers that listen, jam the drones that film, escort the aircraft that relay, hunt the submarine that waits — and sail LE TEMERAIRE in a tide window, unseen. Bring LE VIGILANT in only once LE TEMERAIRE is gone. At Narva: **be there, calmly** — troops at the key points when tested, behind line L otherwise; drones down only lawfully; Paris told what the force really is.

(NR) **End state.** On 20 January: LE TEMERAIRE lost in the ocean; LE VIGILANT alongside, unfollowed (or, if Paris has so decided, both SSBN at sea); the patrol never broken; no Russian test unanswered and none answered by force beyond the rules; the Russian intent assessed; the cable inspected; tension no higher than Moscow wanted.

b. Concept of operations

(NR) Four phases, after the exercise's own rhythm; Annex C and its overlays.

1. **Phase I, setting up (H to H+6).** LYNX on the road to waiting positions behind line L; GM60 and Mistral together; the Patroller up. The channel swept; the approaches watched; LE VIGILANT routed at her schedule of 1220Z. SAGITTAIRE ready for the cable.
2. **Phase II, the first night.** The first tide window (190023Z) and the larger drone operation over Narva and Auvere. **Main effort: the departure of LE TEMERAIRE**, unless the situation at Narva forbids it.
3. **Phase III, consequences (19th by day).** The crossing at Vasknarva; the force on the border; the posture decision; the assessment of the intent prepared.
4. **Phase IV, the second night.** The last tide window (200137Z): LE VIGILANT in, once LE TEMERAIRE is diluted. Lake Peipus. The assessment in Paris before 200000Z.

c. Tasks to subordinate elements

1. **FS LE TEMERAIRE.** Sail in a tide window on the order of COM JANUS; dive at EXIT 7; cross the shelf deep and slow; be diluted beyond the 200 m line. Report at schedules.
2. **FS LE VIGILANT.** Close EXIT 7 at schedules; surface at the landfall point on order; enter in a tide window before the limit CECLANT will give, and not before LE TEMERAIRE is diluted unless ordered. In reinforced posture: go back to the deep water and dilute.
3. **FS SUFFREN.** Cover the SSBN on the shelf; find and hold the Russian SSN; never attack.
4. **FS AQUITAINE, FS BRETAGNE, FS AMIRAL RONARCH.** Screen the approaches; board trawlers in French waters on order (Annex G); sail from the Rade by EXIT 1, 3, 5 and 7.
5. **FS CEPHEE.** Sweep the channel CHANNEL E – CHANNEL W at 4 kt or less, sonar active, before the departure.
6. **ATLANTIQUE 21–23, CAIMAN 31–32.** ASW over the shelf and the Goulet; relieve on task; no weapon released.
7. **RAFALE 11–12.** Alert; intercept and escort Tu-142 on order; weapons held.
8. **Île Longue base security.** Jam drones over the base on order.
9. **FS SAGITTAIRE.** Inspect the Helsinki–Tallinn cable at CABLE SEGMENT after the passage of the suspect ship.
10. **LYNX detachment.** Presence at the key points during incidents; waiting positions behind line L; GM60 and RASIT watching across the river; Mistral against drones under Tallinn's authorization only.
11. **PATROLLER 1.** ELINT over Ida-Viru, on a support mission, never within 20 km of the border.

d. Coordinating instructions

12. **Rules of engagement**: Annex D. No weapon against a Russian unit. Drones: Tallinn's leave, over Estonia, never over a town.
13. **Line L**, 12 km west of the border (LINE L 1–5): crossed only to answer an incident, within 15 km of its key point, and back after it. Annex F.
14. **The tide windows** at Brest are high water ± 2 h. Outside a window the pilot goes with tugs, at 5 kt, and is seen. Annex E.
15. **Radio schedules**: SSBN at sea every 4 h 20 min, 20 min at periscope depth; LE VIGILANT first at 181220Z. Orders given then are sailed for four hours.
16. **Permanence.** LE VIGILANT is not to be alongside while LE TEMERAIRE is not diluted, unless the reinforced posture is in force.
17. **Assessment of the Russian intent** to the CPCO before 200000Z: EXERCISE or PREPARATION, once.
18. **Delegation.** COM JANUS may hand either theatre to the staff and take it back; Annex H.
19. **Every mission created**: weapons held. The Atlantique 2 carry torpedoes.

4. SERVICE SUPPORT

a. Aircraft and weapons

(NR) Atlantique 2 at Lann-Bihoué with sonobuoys (limited stock), torpedoes and radar; Caïman at Lanvéoc with dipping sonar; Rafale M at Landivisiau, air-to-air; PATROLLER 1 at Ämari with its ELINT pod, all-weather, some 350 nm radius. **Base stocks are not unlimited**: sonobuoys laid are sonobuoys gone.

b. Endurance

(NR) Plan the Atlantique 2 reliefs over 48 hours and keep one for the moment the Russian SSN must come up. Fog over the Iroise can close a base: watch the recoveries.

c. Movement in Estonia

(NR) Tapa to the Narva front: four to five hours by road. Routes along the road network, to points it reaches; check that each unit stops on arrival. Light infantry on foot from Rakvere is slower still.

d. Medical and search and rescue

(NR) CROSS Corsen for the Iroise; Estonian services in Ida-Viru.

5. COMMAND AND SIGNAL

a. Command

(NR) COM JANUS at the CPCO, Paris, commands both theatres. FOST holds the SSBN on his behalf and relays his orders at schedules. The LYNX detachment answers to the 1st Estonian Brigade for its use in Estonia; the CPCO asks Tallinn for every fire authority. The staff takes either theatre on order.

b. Signal

(NR) Messages are signed by their sender: **PARIS** (the government), **CPCO**, **FOST**, **CECLANT**, **TALLINN**, **ESTONIA** (Defence Forces and Border Guard), **FINLAND** (Coast Guard), **LANDIVISIAU**, **SAGITTAIRE**, **BASE SECURITY**, **MARITIME AUTHORITY**, **INTELLIGENCE**, **MOSCOW**, **STAFF**. Requests go through the special actions, Annex H.

General, Chief of the Defence Staff, by delegation
The Deputy Chief, Operations
Authenticated: CF LEMOINE, CPCO J3

ANNEXES: A Task organisation · B Intelligence · C Operations · D Rules of engagement · E The relief · F The Narva front · G Anti-submarine warfare and the approaches · H Communications, reporting and special actions · J Meteorological and astronomical forecast · K References and abbreviations

A

Task Organisation

ANNEX A TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. ATLANTIC — UNDER COM JANUS, THROUGH FOST AND CECLANT

> State at H-hour, 181200Z. Every aircraft on the ground, armed. No mission. Air weapons TIGHT; surface, underwater and land HOLD.

UNIT	CLASS	POSITION AT H-HOUR	REMARKS
FS LE TEMERAIRE	S 617 Le Temeraire, SSBN (Triomphant class)	48°18.7'N 004°30.9'W	Alongside at Ile Longue: SSBN B, sails
FS LE VIGILANT	S 618 Le Vigilant, SSBN (Triomphant class)	47°24.0'N 009°00.0'W	150 m, 6 kt towards 47.80N 7.00W: SSBN A, comes home
FS SUFFREN	S 635 Suffren, SSN (Barracuda class)	48°03.0'N 005°24.0'W	100 m
FS AQUITAINE	D 650 Aquitaine, FREMM (ASW)	48°20.7'N 004°28.2'W	In the Rade de Brest
FS BRETAGNE	D 655 Bretagne, FREMM (ASW)	48°18.0'N 004°51.0'W	In the Iroise
FS AMIRAL RONARCH	D 660 Amiral Ronarc'h, FDI frigate	48°20.3'N 004°29.1'W	In the Rade de Brest
FS CEPHEE	M 652 Cephee, Tripartite minehunter	48°18.0'N 004°45.6'W	At the east end of the channel, sonar active
TUG BREST 1	harbour tug	48°21.8'N 004°29.4'W	Brest
TUG BREST 2	harbour tug	48°21.6'N 004°29.4'W	Brest
ILE LONGUE C-UAS 1, 2	Counter-drone systems	48°18.3'N 004°30.3'W	Base security

AIRCRAFT	TYPE	BASE	REMARKS
ATLANTIQUE 21–23	Atlantique 2	Lann-Bihoué 47°45.6'N 003°26.4'W	ASW; sonobuoys limited
CAIMAN 31–32	NH90 Caïman Marine	Lanvéoc 48°16.9'N 004°26.7'W	Dipping sonar
RAFALE 11–12	Rafale M	Landivisiau 48°31.8'N 004°09.1'W	Air-to-air; alert

2. BALTIC AND ESTONIA

UNIT	WHAT	WHERE
FS SAGITTAIRE	Tripartite minehunter, SNMCMG 1	Tallinn 59°28.2'N 024°45.6'E
VAB 1	Mech. infantry platoon (VAB x4)	Tapa
VAB 2	Mech. infantry platoon (VAB x4)	Tapa
AMX10RC 1	Armoured platoon (AMX-10 RC x3)	Tapa
CAESAR 1	Artillery battery (Caesar 155 mm)	Tapa
MISTRAL 1	SAM platoon (Mistral 3 x3)	Tapa
MISTRAL 2	SAM platoon (Mistral 3 x3)	Tapa
GM60 1	Radar (Ground Master 60)	Tapa
RASIT 1	Ground surveillance radar (RASIT)	Tapa
CIL 1	Light infantry platoon	Rakvere
CIL 2	Light infantry platoon	Rakvere
PATROLLER 1	Patroller UAV, ELINT pod	Ämari 59°15.6'N 024°12.5'E

> Allies, not under command: Estonian Defence Forces in Ida-Viru (CV90, Mistral and Piorun at Narva and Jõhvi, IRIS-T near Tallinn, Ground Master 403 and Vera-E near Jõhvi, Caesar); British battlegroup at Tapa; NATO air policing at Ämari.

ANNEX A TO OPORD 27-012 — PAGE A-2 OF A-2

B

Intelligence

ANNEX B TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. GENERAL

(NR) Two theatres, one adversary. What Russia does in one it may answer in the other, hours later. Gradings: letter for the source, figure for the information. Overlay at Appendix 1.

2. THE GROUND FORCE NEAR NARVA

(NR) Composition at paragraph 1a of the order [B2]. Expected to move by road from Luga and Pskov in the first hours and to deploy between Kingissepp and Ivangorod by the afternoon of the 19th.

INDICATOR	EXERCISE	PREPARATION	WHO CAN SEE IT
AIR DEFENCE	Tor and Pantsir silent until the exercise needs them	Radars on early, as soon as the force arrives	PATROLLER 1 (ELINT), Vera-E
LONG-RANGE FIRES	Msta-S only	Tornado-S multiple rocket launchers	GM60, RASIT, PATROLLER 1
LOGISTICS	A handful of trucks	A heavier tail: more trucks, ammunition	RASIT, imagery
POSITION	Back from the river	Closer to the river at Ivangorod	GM60, RASIT

(NR) **The assessment** goes to Paris before 200000Z. Intelligence summaries (three per theatre) help and can be wrong [B2]: weigh them against what the sensors show.

3. SUBMARINES

(NR) **Yasen-class SSN**, believed in the approaches [C3], most likely waiting near the edge of the shelf, where the water deepens and an outgoing SSBN must cross. Three sectors are possible (NAI 11, 12, 13). She surfaces her mast from time to time to report: **that is the moment to catch her**. A Russian submarine that holds an SSBN will try to stay with her. **Kilo-class** diesel submarine: possible [C3]; must snorkel to recharge, and is then visible to radar and ESM.

4. SURFACE, AIR AND THE GREY ZONE

WHO	LAST REPORT	ASSESSMENT
VASILY TATISHCHEV	Off Ouessant, 48°33.0'N 005°36.0'W B2	Listening to the approaches; may close the Goulet if tension rises
SOOBRAZITELNY	Down the Channel, westbound A1	A transit, and a signal
TRAWLERS	FV ARGUS, KESTREL, MARLIN, TERN, intelligence trawler FV ORION, in the Iroise B3	One or more may lay sensors near the channel. Boarding within 12 nm: Annex G
DRONES, ÎLE LONGUE	At night, recently B2	Filming the base: a departure filmed is a departure known
TU-142	Kola	Sent if Moscow wants eyes over the approaches; some hours after the decision; relay to the SSN
FIGHTERS	Leningrad MD	May probe Estonian airspace near Vaindloo; NATO air policing meets them
MV BALTIC PEARL	West of the cable route, eastbound B2	Due over the Helsinki–Tallinn cable on the afternoon or evening of the 18th. Anchor drag or an object laid possible

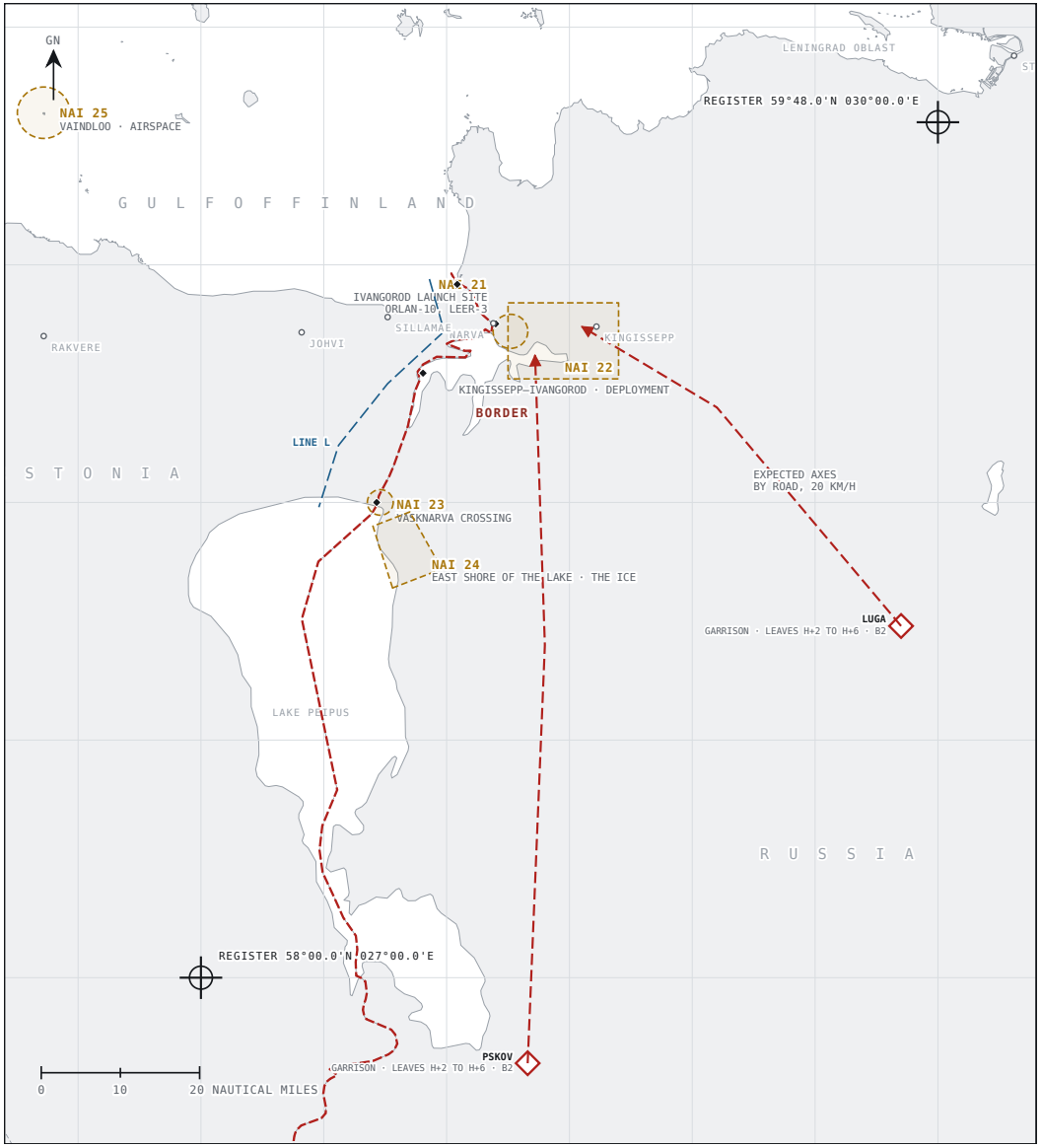
5. NAMED AREAS OF INTEREST

NAI	WHERE	LOOK FOR
21	Ivangorod launch site	Drone launches; Leer-3
22	Kingissepp–Ivangorod	The force deploying; air-defence radars; rocket launchers; trucks
23	Vasknarva crossing	Border guards on the ice of the river
24	East shore of Lake Peipus	Groups gathering for the ice
25	Vaindloo	Fighters at the edge of the airspace
11–13	Edge of the shelf, north, centre and south sectors, 110–140 nm from EXIT 7	The Yasen at periscope depth
14	The channel and the Iroise	Trawlers laying sensors; mines

6. WHAT IS NOT KNOWN

(NR) What the force near Narva is for. Where the Yasen waits; whether a Kilo is there. When each test will come; the Estonians give 30 to 90 minutes of warning. Which trawler, if any, lays sensors. What MV BALTIC PEARL will leave on the cable.

ANNEX B TO OPORD 27-012 — PAGE B-2 OF B-2



APPENDIX 1 TO ANNEX B

CHARTS	ESTONIAN LAND BOARD · SHOM
SCALE	APPROX 1:1 200 000 · INSET SMALLER
DATUM	WGS 84 · DEG AND DEC MIN
DTG	181100ZJAN27
ORIGINATOR	CPCO J2 / DRM
SHEET	1 OF 1

INTELLIGENCE OVERLAY

OPORD 27-012 · OPERATION JANUS · 18–20 JAN 27
ASSESSMENT AT 181100Z · NOTHING HIDDEN IS PLOTTED

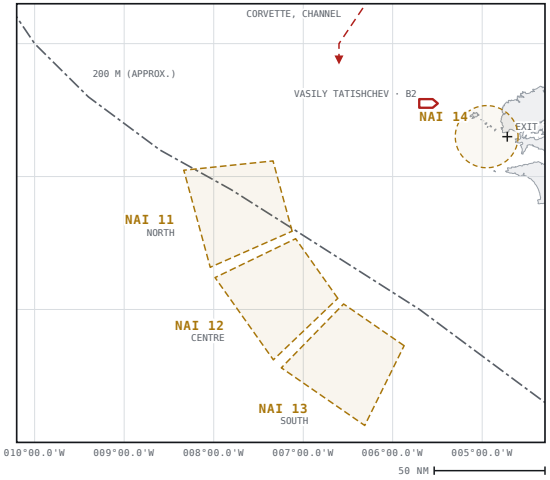
- KEY POINT (ANNEX F)
- LINE L, 12 KM FROM THE BORDER
- ESTONIAN-RUSSIAN BORDER
- EXPECTED AXIS OF THE RUSSIAN FORCE
- NAMED AREA OF INTEREST
- FRENCH GARRISON
- TOWN, FOR ORIENTATION

EXERCISE OR PREPARATION
AIR DEFENCE RADARS ON EARLY
TORNADO-S ROCKET LAUNCHERS
A HEAVIER LOGISTIC TAIL
CLOSER TO THE RIVER
= MARKS OF A PREPARATION
THEIR ABSENCE: AN EXERCISE

WHO SEES WHAT
PATROLLER 1 (ELINT): RADARS
GM60: AIR, DRONES
RASIT: VEHICLES ACROSS THE RIVER
VERA-E (EE): EMITTERS

WHAT IS NOT KNOWN
WHAT THE FORCE IS FOR
WHEN EACH TEST COMES
(WARNING 30 TO 90 MIN)
WHERE THE YASEN WAITS
WHETHER A KILO IS THERE

INSET · THE ATLANTIC APPROACHES · NAI 11 TO 14
WHERE A RUSSIAN SSN COULD WAIT, AND WHERE THE OTHERS WATCH



COASTS: GSHHG AND NATURAL EARTH 10 M; BORDERS: NATURAL EARTH; FOR ORIENTATION ONLY · LAY ON THE CHART AND REGISTER ON THE TWO MARKS · DISTANCES IN NAUTICAL MILES

C

Operations

ANNEX C TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. CONCEPT

(NR) Two efforts on one clock, in four phases (paragraph 3b of the order). **Main effort in the Atlantic during the tide windows; in Estonia during the incidents.** When both fall together — the first and the second night — COM JANUS decides which waits. Overlays at Appendices 1 (Atlantic) and 2 (Estonia).

2. ATLANTIC

1. **Before the departure.** Channel swept (FS CEPHEE, CHANNEL E 48°18.0'N 004°45.6'W to CHANNEL W 48°18.0'N 004°55.2'W). Trawlers near the channel boarded where the law allows. An Atlantique 2 over the shelf; FS BRETAGNE and a Caïman on the approaches; FS SUFFREN across the route.
2. **Departure.** In a window: 190023Z (22h23–02h23Z) or 191306Z (11h06–15h06Z). Pilot from Île Longue to EXIT 7 48°18.0'N 004°43.2'W. At EXIT 7: depth, speed and a four-hour route given before she dives.
3. **Crossing the shelf.** Deep and slow, away from the last Russian reports and the intelligence ship; beyond the 200 m line; four hours untracked to dilution.
4. **Return.** LE VIGILANT to EXIT 7 at her schedules, for a window; entry requested within 2 nm of EXIT 7; alongside before her limit, after the dilution of LE TEMERAIRE. Or, on decision of Paris, the reinforced posture: she dilutes again.
5. **Throughout.** Jam the drones over Île Longue; escort the Tu-142 if they come; hunt the SSN at her schedules.

3. ESTONIA

6. **Deployment.** From Tapa to waiting positions behind line L covering Narva and Auvere, and Vasknarva; GM60 with a Mistral; RASIT where it sees across the river; the light infantry forward from Rakvere.
7. **On a warning (30–90 min).** Move to the key point of the incident; ask Tallinn early for drones.
8. **During an incident.** Presence within 3 km of the key point; jamming or lawful fire on drones; turn back crossings by presence. Report.
9. **After.** Back behind line L within the hour (three for Vasknarva and the lake).
10. **Gulf of Finland.** SAGITTAIRE to CABLE SEGMENT 59°48.0'N 024°51.0'E after the passage of the suspect ship; 45 minutes within 1.5 nm at 4 kt or less.
11. **Patroller.** Support mission over an area of COM JANUS's choosing, more than 20 km from the border.

4. DECISIONS RESERVED TO COM JANUS

DECISION	WHEN	WEIGHS
DEPARTURE	First night, or the window of 191306Z	The moon and the drones over the base against the delay; Narva the same night
POSTURE	While LE VIGILANT is at sea, before her entry	A strong signal and no risk of a gap, against Moscow's answer
ENTRY	A window, before her limit	The dilution of LE TEMERAIRE against the hours of delay
FIRE ON DRONES	An authorization in force	A lawful answer, and Moscow's memory of it
ASSESSMENT	Before 200000Z	What the sensors have seen
DELEGATION	At any time	Attention against the staff's prudence

5. WAITING POSITIONS (SUGGESTED)

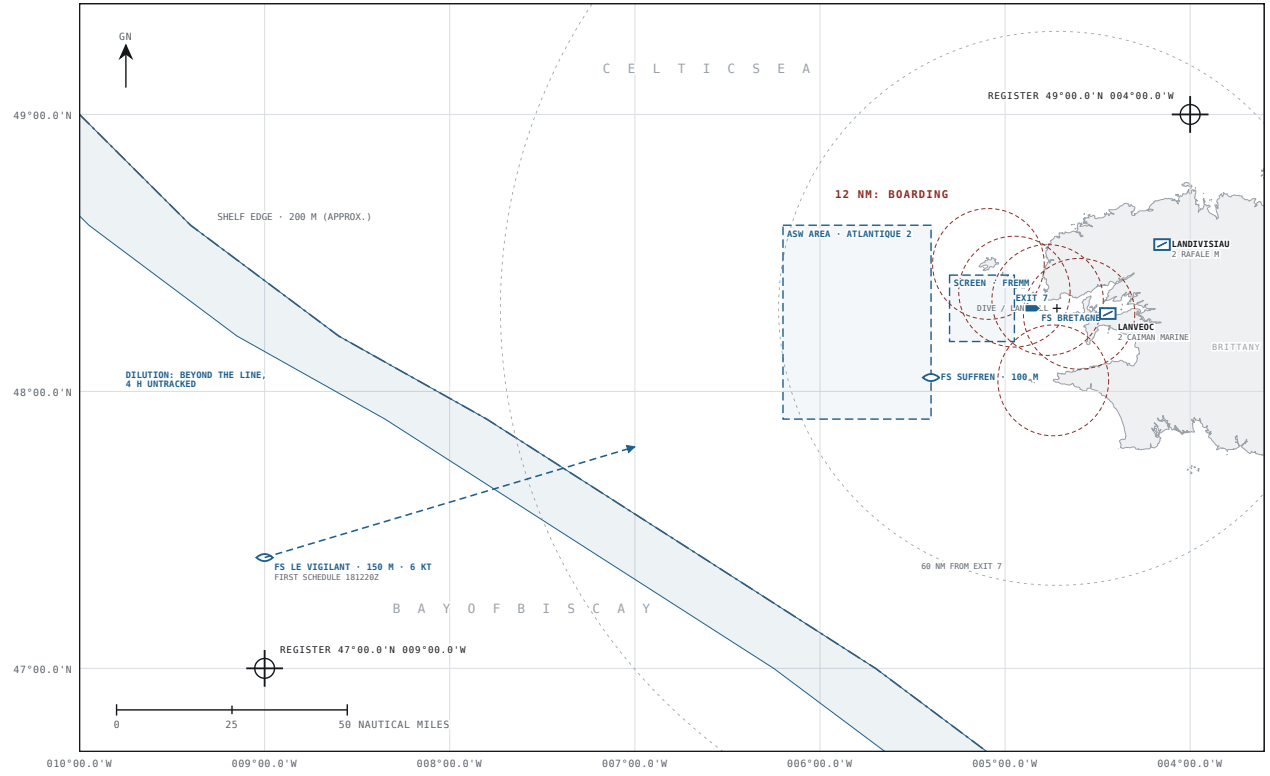
POSITION	AT	COVERS
WEST OF NARVA	59°22.2'N 027°54.0'E	Narva bridge and Narva-Jõesuu, about 17 and 13 km
WEST OF AUVERE	59°17.4'N 027°46.8'E	Auvere, about 7 km
WEST OF VASKNARVA	59°03.6'N 027°27.0'E	Vasknarva, about 17 km

> All three are west of line L. The training version shows them as reference points HOLD NARVA, HOLD AUVERE and HOLD VASKNARVA.

6. END OF THE OPERATION

(NR) 201200Z. Earlier when LE TEMERAIRE is diluted, LE VIGILANT alongside (or diluted again in the reinforced posture), the cable inspected, the assessment in Paris, the last Narva test over and the front quiet for two hours. At once, if a Russian unit other than a drone is lost to French fire.

ANNEX C TO OPORD 27-012 — PAGE C-2 OF C-2



COASTS: GSHHG (WESSEL AND SMITH), FOR ORIENTATION ONLY; THE 200 M LINE IS APPROXIMATE · LAY ON THE CHART AND REGISTER ON THE TWO MARKS · DISTANCES IN NAUTICAL MILES

APPENDIX 1 TO ANNEX C

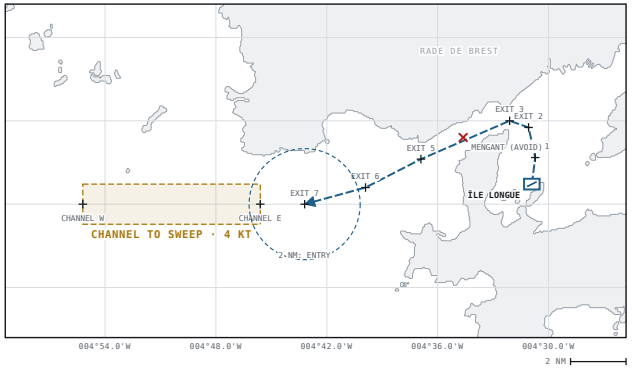
CHARTS	SHOM · APPROACHES TO BREST
SCALE	APPROX 1:2 600 000 · INSET LARGER
DATUM	WGS 84 · DEG AND DEC MIN
DTG	181100ZJAN27
ORIGINATOR	CPCO J3 / CECLANT
SHEET	1 OF 2

OPERATIONS OVERLAY · ATLANTIC

OPORD 27-012 · OPERATION JANUS · 18–20 JAN 27
OWN FORCES AT 181200Z · AREAS SUGGESTED

- FRENCH SUBMARINE
- FRENCH SHIP
- NAVAL AIR STATION
- REFERENCE POINT
- SHELF EDGE, 200 M (APPROX.)
- AREA SUGGESTED (ANNEX C)
- 12 NM OF A COAST POINT
- COURSE AT H-HOUR

INSET · THE GOULET DE BREST AND THE CHANNEL
THE PILOT'S ROUTE OUT AND IN; THE CHANNEL TO SWEEP

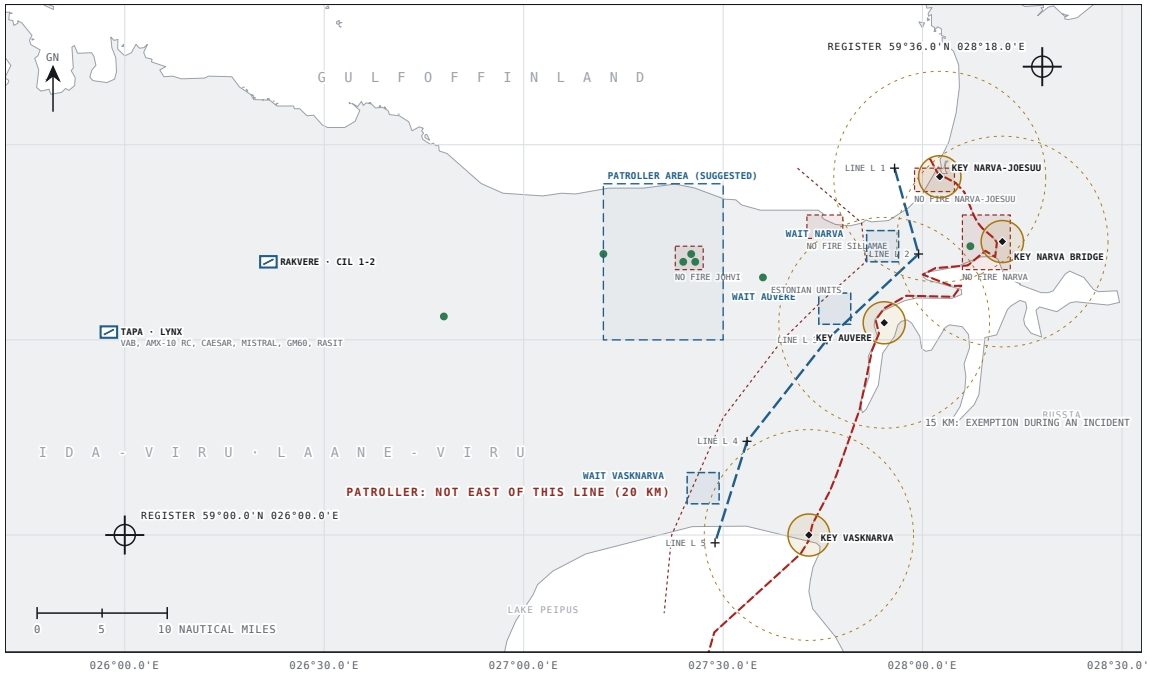


TIDE WINDOWS (HW ± 2 H)
182223Z–190223Z · NIGHT
191106Z–191506Z · DAY
192337Z–200337Z · NIGHT

THE RELIEF
SWEEP CHANNEL E – W FIRST
B: PILOT TO EXIT 7, ORDERS THERE
B: 4 H UNTRACKED BEYOND 200 M
A: WITHIN 2 NM OF EXIT 7, ENTRY
A: NOT BEFORE B IS DILUTED

RADIO SCHEDULES
20 MIN EVERY 4 H 20
A FIRST AT 181220Z
B 4 H AFTER EXIT 7

ROE
NO WEAPON ON A RUSSIAN UNIT
BOARD TRAWLERS WITHIN 12 NM ONLY



APPENDIX 2 TO ANNEX C

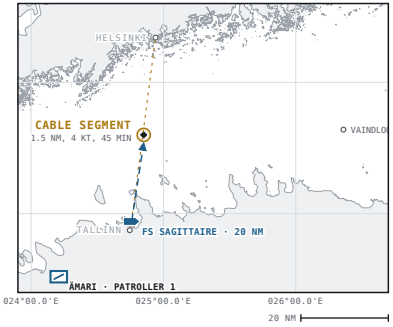
CHARTS	ESTONIAN LAND BOARD 1:50 000
SCALE	APPROX 1:700 000 · INSET SMALLER
DATUM	WGS 84 · DEG AND DEC MIN
DTG	181100ZJAN27
ORIGINATOR	CPCO J3
SHEET	2 OF 2

OPERATIONS OVERLAY · ESTONIA

OPORD 27-012 · OPERATION JANUS · 18–20 JAN 27
OWN FORCES AT 181200Z · LIMITS OF ANNEX D

- LINE L · RULE J-05
- KEY POINT · 3 KM PRESENCE
- 15 KM: EXEMPTION
- NO FIRE AREA · RULE J-04
- PATROLLER LIMIT, 20 KM · J-06
- WAITING POSITION (ANNEX C)
- FRENCH GARRISON
- ESTONIAN-RUSSIAN BORDER

INSET · THE GULF OF FINLAND · THE CABLE
FS SAGITTAIRE FROM TALLINN TO CABLE SEGMENT; AMARI; VAINDLOO



ON A WARNING (30-90 MIN)
MOVE TO THE KEY POINT
ASK TALLINN EARLY (DRONES)

DURING AN INCIDENT
WITHIN 3 KM OF THE KEY POINT
OR OF THE GROUP (CROSSINGS)
REPORTING ALONE IS NO ANSWER

AFTER
BACK BEHIND LINE L
1 H (3 H VASKNARVA, LAKE)

MOVEMENT
TAPA TO THE FRONT: 4-5 H BY ROAD
ROUTES ON ROADS ONLY
CHECK EACH UNIT STOPS

COASTS: GSHHG; BORDERS: NATURAL EARTH; FOR ORIENTATION ONLY · LAY ON THE CHART AND REGISTER ON THE TWO MARKS · DISTANCES IN KILOMETRES ON LAND, NAUTICAL MILES AT SEA

D

Rules of Engagement

ANNEX D TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

ROE JANUS · PEACETIME · NO WEAPON AGAINST A RUSSIAN UNIT	
J-01	**Air TIGHT; surface, underwater and land HOLD** for the side, every unit and every mission. A unit on TIGHT fires only at contacts identified hostile; Russian units are UNFRIENDLY.
J-02	**No weapon against a Russian unit** — ship, submarine, aircraft or ground unit. The loss of one to French fire ends the operation.
J-03	**Russian submarines** may be detected, tracked, followed and pinged. **No torpedo.** Check the weapons of every Atlantique 2 mission.
J-04	**Russian drones** over Estonian territory may be shot down **only under an authorization of Tallinn in force** (two hours from its grant), **never over the NO FIRE areas** of Narva, Narva-Jõesuu, Sillamäe and Jõhvi, **never over Russia**.
J-05	**Line L**: no French ground unit beyond it except to answer an incident, within 15 km of its key point, while it is announced or under way and for one hour after (three for Vasknarva and the lake).
J-06	**PATROLLER 1** never within 20 km of the Russian border.
J-07	**Russian aircraft** are intercepted and escorted, **never engaged**.
J-08	**Trawlers** may be boarded only within French territorial waters (12 nm), by the Maritime authority, through the special action.

WHAT THE PLOT SHOWS

SHOWN AS	MEANS
FRIENDLY	Estonian Defence Forces; British battlegroup; NATO
UNFRIENDLY	Russian units, drones included. To shoot a drone under J-04, order the engagement, or mark that drone hostile
NEUTRAL	Trawlers, the intelligence trawler, merchant ships, drones over Île Longue (unidentified)

BOTTOM LINE

Nothing is fired at a Russian unit. A drone may fall, lawfully, over Estonia and away from towns, with Tallinn's leave. Everything else is presence, sensors and patience.

E

The Relief: SSBN Movements and Communications

ANNEX E TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. TIDE WINDOWS AT BREST (HIGH WATER ± 2 H)

HIGH WATER	WINDOW	LIGHT	USE
190023Z	182223Z–190223Z	Night, moon up	First chance for LE TEMERAIRE
191306Z	191106Z–191506Z	Day	Second chance; or an early entry
200137Z	192337Z–200337Z	Night, moon up	Last window: LE VIGILANT in

(NR) In a window, the pilot takes the boat through the Goulet at 10 kt. Outside, with the tugs, at 5 kt: confirmed by a second request within 10 minutes; seen by Moscow.

2. THE GOULET

(NR) ÎLE LONGUE 48°18.7'N 004°30.9'W → EXIT 1 → EXIT 2 → EXIT 3 → (MENGANT ROCK, avoided) → EXIT 5 → EXIT 6 → EXIT 7 48°18.0'N 004°43.2'W. On the surface, with the pilot; nothing for COM JANUS to do until EXIT 7. Surface ships leaving the Rade: EXIT 1, 3, 5, 7.

3. RADIO SCHEDULES

(NR) With realistic submarine communications, a boat deep does not receive. Each SSBN at sea comes to periscope depth for **20 minutes every 4 h 20 min**; FOST announces each. LE VIGILANT, while at sea:

181220Z · 181640Z · 182100Z · 190120Z · 190540Z · 191000Z · 191420Z · 191840Z · 192300Z · 200320Z · 200740Z

(NR) LE TEMERAIRE: four hours after she reaches EXIT 7, then the same rhythm. At EXIT 7 she is on the surface and receives: give her orders there.

4. DILUTION AND PERMANENCE

1. **Diluted**: four hours beyond the 200 m line without being held. Held during the count: it starts again. Back over the shelf for less than 30 minutes while following its edge: the count goes on.
2. **Held**: a Russian unit holds a contact classified at least as an SSBN, within 5 nm of her true position.
3. **Return**: LE VIGILANT within 2 nm of EXIT 7 at the request; held in the two hours before it: tracked to her landfall.
4. **Limit**: given by CECLANT two hours before it falls; every hour beyond it counts.
5. **Permanence**: LE VIGILANT alongside while LE TEMERAIRE is not diluted breaks it, unless the reinforced posture is in force.
6. **Reinforced posture**: on the recommendation of COM JANUS, while LE VIGILANT is at sea. She has no limit; she dilutes again under rule 1. Moscow will read it.

ANNEX E TO OPORD 27-012 — PAGE E-1 OF E-1

F

The Narva Front

ANNEX F TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. KEY POINTS AND LINE L

REFERENCE POINT	POSITION	BEYOND LINE L BY	FROM TAPA
KEY NARVA BRIDGE	59°22.6'N 028°12.0'E	about 12 km	128 km
KEY AUVERE	59°16.3'N 027°54.2'E	about 5 km	110 km
KEY NARVA-JOESUU	59°27.5'N 028°02.6'E	about 6 km	120 km
KEY VASKNARVA	59°00.0'N 027°42.9'E	about 13 km	104 km

(NR) Line L: LINE L 1 59°28.2'N 027°55.8'E – 2 59°21.6'N 027°59.4'E – 3 59°15.0'N 027°45.6'E – 4 59°07.2'N 027°33.6'E – 5 58°59.4'N 027°28.8'E. NO FIRE areas: reference points NO FIRE NARVA, NARVA-JOESUU, SILLAMAE, JOHVI (corners NW, NE, SE, SW).

2. INCIDENTS

(NR) Each incident is announced 30 to 90 minutes ahead by the Estonians. At its start the game returns to real time and a box records the decision; the box moves no unit. **An answer** is a French ground unit within 3 km of the key point during the incident, a jamming, or a request to Tallinn; a crossing is turned back by a unit within 3 km of the group. Reporting alone is not an answer. **A test left unanswered makes the next one stronger.**

INCIDENT	KEY POINT	BOX
DRONES	Narva bridge	Observe · Jam · Request fire authorization · Report
SWARM	Narva bridge, Auvere	The same; two waves
CROSSING	Vasknarva	Hold position · Move to contact · Report
THE ICE	Vasknarva; ICE GROUPS	Hold the L line · Close up to the crossing point · Report

3. FIRE AUTHORITY

(NR) Asked to Tallinn by the special action or the box; granted after a delay that lengthens with tension; valid two hours; one request at a time. Jamming requires a French unit within 10 km of the drone.

4. THE PATROLLER AND THE ASSESSMENT

(NR) PATROLLER 1 on a support mission (on a land patrol it did not launch), more than 20 km from the border: a warning, then a protest from Moscow. The Russian radars see it. The assessment of the intent goes once, before 200000Z, by the special action.

ANNEX F TO OPORD 27-012 — PAGE F-1 OF F-1

G

Anti-Submarine Warfare and the Approaches

ANNEX G TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. THE WATER

(NR) On the shelf, less than 200 m and little layer in January: a boat at speed is heard far. Beyond the edge, the layer returns and the depth with it. The 200 m line on the overlays is approximate; the sea floor decides.

2. MEANS

UNIT	TASK	NOTE
ATLANTIQUE 2	Barrier and search over the shelf and its edge (NAI 11–13)	Sonobuoys limited; catch the SSN at periscope depth
FS SUFFREN	Escort of one SSBN, or hold the SSN once found	Hears orders only at periscope depth
FREMM	Towed sonar across the approaches to the channel	Leave the Rade by the EXIT points
CAIMAN	The Goulet and the channel	Short legs
FS CEPHEE	The channel, before the departure	4 kt or less, sonar active

(NR) **A Russian SSN held by French units for 30 minutes** is reported by the CPCO to Paris and to the allies: it is worth having.

3. TRAWLERS (MARITIME AUTHORITY)

(NR) A trawler (FV ARGUS, KESTREL, MARLIN, TERN) within 1 nm of FS AQUITAINE, FS BRETAGNE, FS AMIRAL RONARCH or FS CEPHEE and within 12 nm of the coast (Saint-Mathieu, Ouessant, Pointe du Raz, Camaret, Molène) may be boarded, once each. A trawler found laying sensors is escorted clear of the approaches and detained. An innocent trawler's owner complains; Moscow notices every boarding. FV ORION is not boarded.

4. DRONES AND AIRCRAFT

(NR) Drones over Île Longue: jammed on order, thirty minutes between uses. Tu-142: the Rafale escort them on order or from the box offered when they close to 150 nm of EXIT 7; twenty minutes within 10 nm turns them back. Unescorted, they stay about four hours.

ANNEX G TO OPORD 27-012 — PAGE G-1 OF G-1

H

Communications, Reporting and Special Actions

ANNEX H TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. SPECIAL ACTIONS (GAME MENU)

ACTION	EFFECT	CLICKS
SSBN B - Request departure	Pilot out to EXIT 7; tide rules	1 / 2 outside
SSBN A - Request entry	Pilot in from EXIT 7 (within 2 nm)	1
Paris - Recommend reinforced posture	LE VIGILANT stays at sea	2
Estonia - Request fire authorization (sector)	Tallinn's leave, two hours	1
Intelligence - Assess Russian intent	EXERCISE or PREPARATION, once	1
Intelligence - Assessment Estonia	Summary in 30–60 min; three	1
Intelligence - Assessment Atlantic	Summary in 30–60 min; three	1
Sagittaire - Inspect cable segment	45 min within 1.5 nm, 4 kt or less	1
Air - Intercept and escort Tu-142	Rafale escort mission	1
Base security - Jam drones over Ile Longue	Drones lose their link	1
Maritime authority - Inspect trawler	Boarding within 1 nm and 12 nm	1
Staff - Estonia: delegate / resume command	The staff takes Estonia, or gives it back	2
Staff - Atlantic: delegate / resume command	The staff takes the Atlantic, or gives it back	2

(NR) A second click must come within 10 minutes. Guide: Briefing Pack, section 7.

2. DELEGATION

(NR) **Estonia**: waiting positions west of line L near Narva, Auvere and Vasknarva; Patroller on a support mission clear of the border; units beyond the line brought back; fire authority asked for drones; "Hold" at Vasknarva and on the lake; never a shot. **Atlantic**: channel swept; LE TEMERAIRE out in the first window, slow and deep; LE VIGILANT to EXIT 7 at her schedules, in once LE TEMERAIRE is diluted; an Atlantique 2 over the shelf; drones jammed; the Tu-142 left alone. No fixed price: the staff does less well than a good commander.

3. REPORTS

(NR) The DEBRIEF closes the operation: grade; state of the relief; the Russian intent; peak and final tension; the front; the means; the time each theatre spent with the staff. For the campaign it hands on the grade, the Russian posture, the losses, the state of the relief and of the front, and the signature of the Russian SSN if it was held.

J

Meteorological and Astronomical Forecast

ANNEX J TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. ASTRONOMY

PLACE	18 JAN	19 JAN	20 JAN
NARVA SUN	SS 1350Z	SR 0644Z SS 1351Z	SR 0643Z
BREST SUN	SS 1655Z	SR 0801Z SS 1656Z	SR 0800Z
BREST MOON	MR 1220Z, 73%	MS 0521Z MR 1310Z, 83%	MS 0630Z, 91%
NARVA MOON	—	MS 0440Z	MS 0555Z

(NR) Nautical night at Brest 1809Z–0647Z; at Narva 1533Z–0502Z. Full moon 221217Z.

2. TIDES, BREST

HIGH WATER	HEIGHT	COEFFICIENT
181146Z	5.61 m	47
190023Z	5.76 m	51
191306Z	5.87 m	56
200137Z	6.14 m	63

(NR) Neaps to springs: the streams in the Goulet strengthen through the operation. Low water about 6 h 20 min after each high water.

3. WEATHER

(NR) The forecast for the Iroise is issued with the opening message of the operation, and holds over both theatres. In January: calm with a moderate sea; or windy with sea state 5 to 6 and showers, which hamper sonobuoys, helicopters and minehunting; or fog banks over the Iroise, which can close an airfield to recoveries. Ice on the eastern Gulf of Finland and on Lake Peipus; the cable route open.

K

References and Abbreviations

ANNEX K TO OPORD 27-012 · DTG 181100ZJAN27 · CPCO/OPS/JNS/27-012

1. CHARTS AND DATA

(NR) Coastlines: GSHHG (Wessel and Smith) and Natural Earth 1:10 m; state borders: Natural Earth; for orientation only. Tides after the published predictions for Brest. Positions in the order are those of the plot.

2. ABBREVIATIONS

TERM	MEANING
CECLANT	Maritime Commander Atlantic, Brest
COM JANUS	The CPCO watch commander for the operation
CPCO	Planning and Conduct Centre of the Chief of the Defence Staff
DRM	Directorate of Military Intelligence
ELINT	Electronic intelligence
FOST	Strategic Oceanic Force, Brest
LYNX	French contribution to NATO’s forward presence in Estonia
MD	Military District
NAI	Named area of interest
SNMCMG 1	Standing NATO Mine Countermeasures Group 1
SSBN / SSN	Ballistic-missile submarine / nuclear attack submarine
SR, SS, MR, MS	Sunrise, sunset, moonrise, moonset

> This order, the operation, its incidents and every name of ship, trawler and person in it are invented for an exercise. It is a fictional document.

ANNEX K TO OPORD 27-012 — PAGE K-1 OF K-1