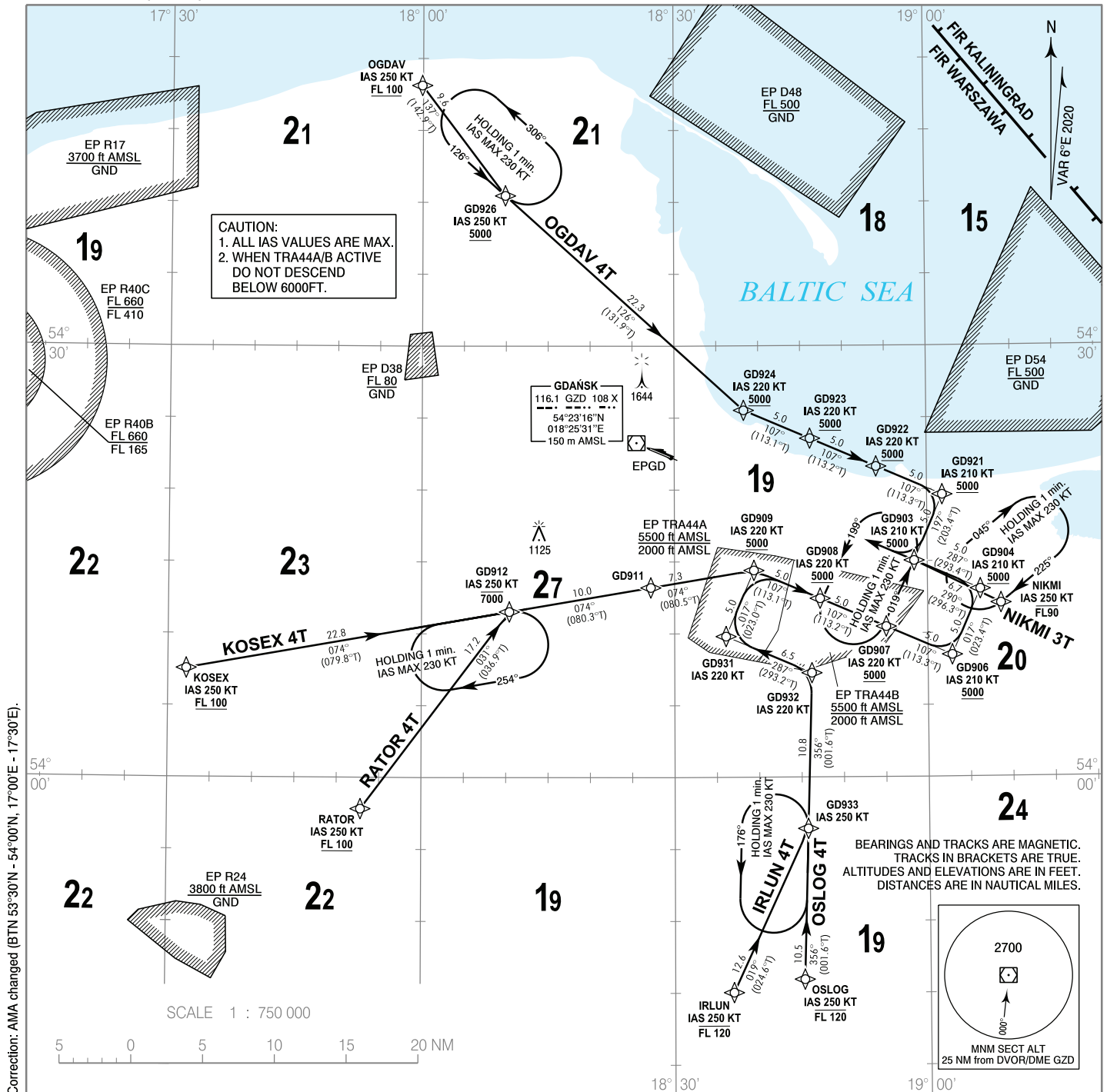


**RNAV 1 (GNSS)
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO**

TRANSITION ALTITUDE 6500

Gdańsk APPROACH	127.280	133.660
Gdańsk TOWER	118.105	
ATIS	129.630	

**GDAŃSK Lech Walesa
RWY 29**



- RNAV 1 approval required to conduct these procedures without additional restrictions. However it is possible to utilize RNAV 1 trajectories by RNAV 5 only approved a/c. The following restriction apply: a/c equipped with RNAV 5 systems without navigation database, and requiring manual data input are exempted from the utilization of RNAV 1 procedures.
- All a/c which can not follow and utilize RNAV 1 procedures shall advise ATC upon first contact. Radar vectoring will be provided, usually along published procedures.
- Holding patterns as directed by ATC, available for non RNAV 1 approved a/c.
- Vertical planning information: air crews should plan for possible descent clearance in accordance with vertical restrictions specified on chart. Actual descent clearance will be as directed by ATC. If possible, CDA technique should be applied.
- Expect direct routing/shortcuts by ATC whenever possible (especially during off-peak hours). The turn to final approach is usually performed by radar vectors to expedite traffic handling and for separation reasons.

RADIO COMMUNICATION FAILURE PROCEDURE

RNAV 1 APPROVED AIRCRAFT

- If a STAR was assigned and the flight crew acknowledged it, set the transponder to 7600, continue in accordance with the FPL and follow the assigned STAR, then execute an (ILS or VOR) approach and land. The descent shall be performed after 2 minutes from setting 7600, in accordance with the vertical restrictions specified on the chart.
- If a STAR was assigned, the flight crew acknowledged it and vectoring was initiated, set the transponder to 7600 and continue for 2 minutes (from setting 7600) on the assigned heading and at the last assigned and acknowledged altitude. Thereafter continue directly to the FAF/FAP, execute an (ILS or VOR) approach and land. The descent shall be carried out in accordance with the vertical restrictions specified on the chart.
- If no STAR was assigned, set the transponder to 7600 and continue in accordance with the FPL. Thereafter execute an (ILS or VOR) approach and land. The descent shall be performed in accordance with the vertical restrictions specified on the chart.

RNAV 1 NOT APPROVED AIRCRAFT

Set the transponder to 7600. Maintain the last assigned and acknowledged altitude/flight level. Proceed to DVOR/DME GZD. Over GZD descend to 4000 ft AMSL and then proceed to REP UVRIK (IF) VOR RWY 11 (R 287° MAG / D 10.0 NM DVOR/DME GZD) or REP IPLAM (IF) ILS RWY 29 and VOR RWY 29 (R 107° MAG / D 16.0 NM DVOR/DME GZD). Thereafter execute approach and land on the most convenient RWY depending on the wind direction and other conditions (ILS, VOR RWY 29 or VOR RWY 11).

RNAV 1 (GNSS)
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAOGDAŃSK Lech Walesa
RWY 29

OGDAV 4T

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	OGDAV	-	-	+FL100	-250	RNAV 1
002	TF	GD926	137 (142.9)	9.61	+5000 ft	-250	RNAV 1
003	TF	GD924	126 (131.9)	22.31	+5000 ft	-220	RNAV 1
004	TF	GD923	107 (113.1)	5.00	+5000 ft	-220	RNAV 1
005	TF	GD922	107 (113.2)	5.00	+5000 ft	-220	RNAV 1
006	TF	GD921	107 (113.3)	5.00	+5000 ft	-210	RNAV 1
007	TF	GD903 (IAF)	197 (203.4)	5.00	5000 ft	-210	RNAV 1

NIKMI 3T

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	NIKMI	-	-	-FL90	-250	RNAV 1
002	TF	GD903 (IAF)	290 (296.3)	6.71	5000 ft	-210	RNAV 1

OSLOG 4T

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	OSLOG	-	-	-FL120	-250	RNAV 1
002	TF	GD933	356 (001.6)	10.51	-	-250	RNAV 1
003	TF	GD932	356 (001.6)	10.85	-	-220	RNAV 1
004	TF	GD931	287 (293.2)	6.49	-	-220	RNAV 1
005	TF	GD909	017 (023.0)	5.00	+5000 ft	-220	RNAV 1
006	TF	GD908	107 (113.1)	5.00	+5000 ft	-220	RNAV 1
007	TF	GD907	107 (113.2)	5.00	+5000 ft	-220	RNAV 1
008	TF	GD906	107 (113.3)	5.00	+5000 ft	-210	RNAV 1
009	TF	GD904	017 (023.4)	5.00	+5000 ft	-210	RNAV 1
010	TF	GD903 (IAF)	287 (293.4)	5.00	5000 ft	-210	RNAV 1

IRLUN 4T

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	IRLUN	-	-	-FL120	-250	RNAV 1
002	TF	GD933	019 (024.6)	12.56	-	-250	RNAV 1
003	TF	GD932	356 (001.6)	10.85	-	-220	RNAV 1
004	TF	GD931	287 (293.2)	6.49	-	-220	RNAV 1
005	TF	GD909	017 (023.0)	5.00	+5000 ft	-220	RNAV 1
006	TF	GD908	107 (113.1)	5.00	+5000 ft	-220	RNAV 1
007	TF	GD907	107 (113.2)	5.00	+5000 ft	-220	RNAV 1
008	TF	GD906	107 (113.3)	5.00	+5000 ft	-210	RNAV 1
009	TF	GD904	017 (023.4)	5.00	+5000 ft	-210	RNAV 1
010	TF	GD903 (IAF)	287 (293.4)	5.00	5000 ft	-210	RNAV 1

RATOR 4T

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	RATOR	-	-	+FL100	-250	RNAV 1
002	TF	GD912	031 (036.9)	17.20	-7000 ft	-250	RNAV 1
003	TF	GD911	074 (080.3)	10.00	-	-	RNAV 1
004	TF	GD909	074 (080.5)	7.28	+5000 ft	-220	RNAV 1
005	TF	GD908	107 (113.1)	5.00	+5000 ft	-220	RNAV 1
006	TF	GD907	107 (113.2)	5.00	+5000 ft	-220	RNAV 1
007	TF	GD906	107 (113.3)	5.00	+5000 ft	-210	RNAV 1
008	TF	GD904	017 (023.4)	5.00	+5000 ft	-210	RNAV 1
009	TF	GD903 (IAF)	287 (293.4)	5.00	5000 ft	-210	RNAV 1

KOSEX 4T

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	KOSEX	-	-	+FL100	-250	RNAV 1
002	TF	GD912	074 (079.8)	22.83	-7000 ft	-	RNAV 1
003	TF	GD911	074 (080.3)	10.00	-	-	RNAV 1
004	TF	GD909	074 (080.5)	7.28	+5000 ft	-220	RNAV 1
005	TF	GD908	107 (113.1)	5.00	+5000 ft	-220	RNAV 1
006	TF	GD907	107 (113.2)	5.00	+5000 ft	-220	RNAV 1
007	TF	GD906	107 (113.3)	5.00	+5000 ft	-210	RNAV 1
008	TF	GD904	017 (023.4)	5.00	+5000 ft	-210	RNAV 1
009	TF	GD903 (IAF)	287 (293.4)	5.00	5000 ft	-210	RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
NIKMI	54 12 04.7 N	019 08 42.3 E
KOSEX	54 07 34.4 N	017 32 10.3 E
RATOR	53 57 49.2 N	017 52 49.6 E
IRLUN	53 45 02.1 N	018 36 53.5 E
OGDAV	54 48 07.0 N	017 59 53.5 E
OSLOG	53 45 56.9 N	018 45 12.6 E
GD903 (IAF)	54 15 02.5 N	018 58 26.7 E
GD904	54 13 03.6 N	019 06 15.8 E
GD906	54 08 28.9 N	019 02 52.9 E
GD907	54 10 27.5 N	018 55 04.6 E
GD908	54 12 25.7 N	018 47 15.5 E
GD909	54 14 23.3 N	018 39 25.6 E
GD911	54 13 11.8 N	018 27 11.3 E
GD912	54 11 31.7 N	018 10 24.3 E
GD921	54 19 37.3 N	019 01 49.6 E
GD922	54 21 35.8 N	018 53 59.1 E
GD923	54 23 33.9 N	018 46 07.9 E
GD924	54 25 31.5 N	018 38 15.9 E
GD926	54 40 27.6 N	018 09 52.4 E
GD931	54 09 47.9 N	018 36 05.6 E
GD932	54 07 15.4 N	018 46 14.2 E
GD933	53 56 25.8 N	018 45 42.8 E