

HAMBURG

LIST OF COORDINATES
FOR MRVA
HAMBURG

(152) N 53 41 05 E 014 16 50
N 53 46 00 E 013 58 00
N 53 46 00 E 013 49 00
N 53 29 30 E 013 50 00
N 53 29 26 E 013 45 30
N 53 24 38 E 013 40 53
N 53 24 38 E 013 32 07
N 53 29 07 E 013 27 48
N 53 28 25 E 012 54 25
N 53 28 20 E 012 45 30
N 53 42 37 E 012 45 46
N 53 48 05 E 011 39 22
N 54 07 27 E 011 49 33
N 54 06 37 E 012 00 00
N 54 15 00 E 012 00 00
N 54 15 00 E 011 31 45
N 54 04 00 E 011 30 00
N 54 04 42 E 011 08 00
N 54 15 11 E 010 50 36
N 54 11 11 E 010 50 33
N 54 08 39 E 010 46 11
N 54 08 40 E 010 40 02
N 54 11 13 E 010 35 42
N 54 14 49 E 010 35 42
N 54 17 21 E 010 40 05
N 54 17 20 E 010 47 00
N 54 26 46 E 010 29 16
N 54 18 00 E 010 31 00
N 54 17 00 E 010 25 00
N 54 13 40 E 009 55 40
N 53 54 36 E 009 52 20
clockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 51 57 E 010 16 31
N 54 00 00 E 011 00 00
N 53 41 00 E 011 10 00
N 53 33 16 E 010 27 01
clockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 23 06 E 009 46 46
N 53 19 59 E 009 36 12
N 53 16 42 E 009 32 21
N 53 00 00 E 009 30 00
N 52 57 08 E 009 24 28
N 52 46 00 E 009 40 00
N 52 51 00 E 009 42 00
N 52 55 00 E 009 48 00
N 52 57 00 E 009 53 00
N 53 00 00 E 009 55 00
N 53 05 30 E 010 06 00
N 53 03 00 E 010 16 00
N 53 02 30 E 010 25 00
N 52 58 00 E 010 25 00
N 52 58 00 E 010 40 00
N 52 45 30 E 010 40 00
N 52 27 32 E 010 39 58
N 52 28 08 E 010 50 41
N 52 22 40 E 010 51 28
N 52 17 24 E 010 52 12
N 52 12 08 E 010 52 56
N 52 10 00 E 011 03 00
N 52 00 00 E 011 07 05
N 51 55 05 E 011 07 42
N 51 57 12 E 011 22 48
N 51 58 13 E 011 30 03
N 51 58 27 E 011 41 55
N 51 48 43 E 011 45 22

N 51 41 53 E 011 30 04
N 51 41 08 E 011 41 05
N 51 34 56 E 011 53 13
N 51 36 08 E 012 18 19
N 52 11 15 E 012 19 30
N 52 13 45 E 012 36 20
N 51 53 15 E 012 42 00
N 51 51 00 E 013 28 00
N 51 50 30 E 013 40 00
N 51 34 30 E 013 38 30
N 51 37 30 E 012 38 25
N 51 34 01 E 012 38 13
clockwise on the arc of a circle
with 16 NM radius centered at
N 51 26 01 E 012 16 03
to
N 51 29 51 E 012 40 53
N 51 30 30 E 013 06 00
N 51 30 00 E 014 50 10
German-Polish border to
N 53 41 05 E 014 16 50

(387) N 54 11 30 E 009 02 00
N 54 08 30 E 009 14 00
N 54 09 49 E 009 24 39
N 54 13 40 E 009 55 40
N 53 54 36 E 009 52 20
anticlockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 32 45 E 009 32 43
N 53 29 10 E 009 34 58
N 53 24 08 E 009 41 33
N 53 23 33 E 009 44 31
N 53 23 06 E 009 46 46
N 53 19 59 E 009 36 12
N 53 16 42 E 009 32 21
N 53 00 00 E 009 30 00
N 52 57 08 E 009 24 28
N 52 46 00 E 009 40 00
N 52 43 57 E 009 41 35
N 52 42 59 E 009 43 34
N 52 41 00 E 009 05 10
N 52 43 42 E 008 52 12
N 52 43 04 E 008 39 27
N 52 40 56 E 007 59 12
N 52 40 58 E 007 54 51
N 52 41 00 E 007 50 00
N 53 00 00 E 007 50 00
N 53 00 00 E 007 12 50
N 53 18 02 E 007 11 43
N 53 18 37 E 007 19 04
N 53 21 18 E 007 51 57
N 53 18 57 E 007 58 10
N 53 22 19 E 008 04 24
N 53 24 15 E 008 28 00
N 53 25 38 E 008 31 42
N 53 18 18 E 008 35 23
N 53 18 30 E 008 51 35
N 53 24 47 E 008 51 01
N 53 35 56 E 008 41 45
N 53 37 56 E 008 58 41
N 53 39 00 E 009 07 45
N 53 48 23 E 009 04 45
N 53 51 30 E 009 03 45
N 53 55 00 E 008 57 30
N 54 11 30 E 009 02 00

(388) N 54 00 00 E 011 00 00
N 53 41 00 E 011 10 00
N 53 33 16 E 010 27 01
clockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 21 15 E 009 58 42
N 53 25 02 E 009 59 35
N 53 27 36 E 010 11 37
N 53 33 02 E 010 15 27
N 53 37 59 E 010 00 36
N 53 37 39 E 009 52 14
N 53 28 24 E 009 49 56
N 53 26 13 E 009 45 07
N 53 23 33 E 009 44 31
N 53 24 08 E 009 41 33
N 53 29 10 E 009 34 58
N 53 32 45 E 009 32 43
clockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 40 12 E 009 31 21
N 53 46 54 E 009 46 23
N 53 49 28 E 009 54 55
N 53 52 04 E 009 56 49
N 53 54 48 E 010 05 48
clockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 51 57 E 010 16 31
N 54 00 00 E 011 00 00

(389) N 53 21 15 E 009 58 42
clockwise on the arc of a circle
with 17 NM radius centered at
N 53 38 13 E 009 59 43
to
N 53 23 06 E 009 46 46
N 53 23 33 E 009 44 31
N 53 26 13 E 009 45 07
N 53 28 24 E 009 49 56
N 53 27 54 E 009 55 56
N 53 25 02 E 009 59 35
N 53 21 15 E 009 58 42

(457) N 53 37 39 E 009 52 14
N 53 37 59 E 010 00 36
N 53 33 02 E 010 15 27
N 53 27 36 E 010 11 37
N 53 25 02 E 009 59 35
N 53 27 54 E 009 55 56
N 53 28 24 E 009 49 56
N 53 37 39 E 009 52 14

(494) N 53 40 12 E 009 31 21
clockwise on the arc of a circle
with 17 NM radius centred at
N 53 38 13 E 009 59 43
to
N 53 54 48 E 010 05 48
N 53 52 04 E 009 56 49
N 53 49 28 E 009 54 55
N 53 46 54 E 009 46 23
N 53 40 12 E 009 31 21