

MESOAMERICAN AND CARIBBEAN SEA HYDROGRAPHIC COMMISSION
10th Meeting, Bridgetown, Barbados, 03-06 November 2009

NATIONAL REPORT – The Netherlands

1. Hydrographic Office/Service:	Hydrographic Service of the Royal Netherlands Navy (NLHO)																																																																																																									
2. Surveys:	Extensive survey of 2006 has now been processed and published in nautical products																																																																																																									
3. New charts and updates	<p style="text-align: center;">ENC Leeward Islands (Curacao, Aruba, Bonaire)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">NL402213 Curacao</td> <td style="width: 10%;">ALAT</td> <td style="width: 10%;">CP:</td> <td style="width: 10%;">CS:</td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">75,000</td> <td style="text-align: right;">45.000</td> <td></td> </tr> <tr> <td>NL52715D Caracasbaai - Fuikbaai - Spaanse Water</td> <td>ALAT</td> <td>10,000</td> <td>CS:</td> <td>8.000</td> </tr> <tr> <td>NL52213A Bullenbaai</td> <td>ALAT</td> <td>10,000</td> <td>CS:</td> <td>8.000</td> </tr> <tr> <td>NL502714 Willemstad - Schottegat</td> <td>LWS</td> <td>7,500</td> <td>CS:</td> <td>4.000</td> </tr> <tr> <td>NL52211A Paardenbaai</td> <td>ALAT</td> <td>15,000</td> <td>CS:</td> <td>8.000</td> </tr> <tr> <td>NL52715A Sint Nicolaasbaai</td> <td>ALAT</td> <td>10,000</td> <td>CS:</td> <td>8.000</td> </tr> <tr> <td>NL52715B Haven Barcadera</td> <td>ALAT</td> <td>10,000</td> <td>CS:</td> <td>8.000</td> </tr> <tr> <td>NL52715C Commandeursbaai</td> <td>ALAT</td> <td>15,000</td> <td>CS:</td> <td>8.000</td> </tr> <tr> <td>NL402212 Bonaire</td> <td>ALAT</td> <td>75,000</td> <td>CS:</td> <td>45.000</td> </tr> <tr> <td>NL52212A Rede Kralendijk</td> <td>ALAT</td> <td>25,000</td> <td>CS:</td> <td>22.000</td> </tr> <tr> <td>NL52212B Oliesteigers Goto</td> <td>ALAT</td> <td>20,000</td> <td>CS:</td> <td>12.000</td> </tr> <tr> <td>NL52212C Zoutsteiger</td> <td>ALAT</td> <td>10,000</td> <td>CS:</td> <td>4.000</td> </tr> <tr> <td>NL62212D Steigers Kralendijk</td> <td>ALAT</td> <td>10,000</td> <td>CS:</td> <td>4.000</td> </tr> </table> <p style="text-align: center;">ENC Windward Islands (St Maarten, Saba, St Eustatius)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">NL402020 Sababank</td> <td style="width: 10%;">ALAT</td> <td style="width: 10%;">100,000</td> <td style="width: 10%;">CS:</td> <td style="width: 10%;">90.000</td> </tr> <tr> <td>NL52716D Saba</td> <td>ALAT</td> <td>30,000</td> <td>CS:</td> <td>22.000</td> </tr> <tr> <td>NL52716E Sint Maarten</td> <td>ALAT</td> <td>30,000</td> <td>CS:</td> <td>22.000</td> </tr> <tr> <td>NL52716G Sint Eustatius</td> <td>ALAT</td> <td>30,000</td> <td>CS:</td> <td>22.000</td> </tr> <tr> <td>NL62716A Oranjebaai</td> <td>ALAT</td> <td>15,000</td> <td>CS:</td> <td>12.000</td> </tr> <tr> <td>NL62716B Fort Baai</td> <td>ALAT</td> <td>2,500</td> <td>CS:</td> <td>2.500</td> </tr> <tr> <td>NL62716C Philipsburg</td> <td>ALAT</td> <td>12,500</td> <td>CS:</td> <td>12.000</td> </tr> </table>	NL402213 Curacao	ALAT	CP:	CS:				75,000	45.000		NL52715D Caracasbaai - Fuikbaai - Spaanse Water	ALAT	10,000	CS:	8.000	NL52213A Bullenbaai	ALAT	10,000	CS:	8.000	NL502714 Willemstad - Schottegat	LWS	7,500	CS:	4.000	NL52211A Paardenbaai	ALAT	15,000	CS:	8.000	NL52715A Sint Nicolaasbaai	ALAT	10,000	CS:	8.000	NL52715B Haven Barcadera	ALAT	10,000	CS:	8.000	NL52715C Commandeursbaai	ALAT	15,000	CS:	8.000	NL402212 Bonaire	ALAT	75,000	CS:	45.000	NL52212A Rede Kralendijk	ALAT	25,000	CS:	22.000	NL52212B Oliesteigers Goto	ALAT	20,000	CS:	12.000	NL52212C Zoutsteiger	ALAT	10,000	CS:	4.000	NL62212D Steigers Kralendijk	ALAT	10,000	CS:	4.000	NL402020 Sababank	ALAT	100,000	CS:	90.000	NL52716D Saba	ALAT	30,000	CS:	22.000	NL52716E Sint Maarten	ALAT	30,000	CS:	22.000	NL52716G Sint Eustatius	ALAT	30,000	CS:	22.000	NL62716A Oranjebaai	ALAT	15,000	CS:	12.000	NL62716B Fort Baai	ALAT	2,500	CS:	2.500	NL62716C Philipsburg	ALAT	12,500	CS:	12.000
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3.6 CP: corresponding paper chart scale																																																																																																										
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4. New publications	Not applicable; UK, FR and US promulgate nautical publications of NL waters																																																																																																									
5. MSI	Sufficient and in accordance with C55 (formerly known as S55)																																																																																																									

<p>6. C55 (formerly known as S55)</p>	<p>6.1 <u>Hydrographic Surveying</u></p> <p>Leeward Islands (Curacao, Aruba, Bonaire)</p> <p>Adequately surveyed A1 / A2: 14% / 40% Required re-survey B1 / B2: 86% / 60% Never systematically surveyed C1 / C2: 0 / 0</p> <p>Windward Islands (St Maarten, Saba, St Eustatius)</p> <p>Adequately surveyed A1 / A2: 90% / 98% Required re-survey B1 / B2: 10% / 02% Never systematically surveyed C1 / C2: 0 / 0</p> <p>6.2 <u>Nautical charting</u></p> <p>Leeward Islands (Curacao, Aruba, Bonaire)</p> <p>100% coverage INT-charts 100% coverage RNC (via UKHO ARCS) 100% coverage ENC approach, harbour, berthing usage bands 0% coverage ENC coastal, general usage bands (VEN producer nation)</p> <p>Windward Islands (St Maarten, Saba, St Eustatius)</p> <p>100% coverage INT-charts 100% coverage RNC (via UKHO ARCS) 100% coverage ENC</p>
<p>7. Capacity Building</p>	<p>7.1 Training needed: not applicable 7.2 Training offered: practical traineeship on board NL survey vessels 7.3 Co-production arrangements with Suriname for ENC and paper chart compiling</p>
<p>8. Oceanographic activities</p>	<p>Not applicable</p>
<p>9. Other</p>	<p>Not applicable</p>
<p>10. Conclusions</p>	<p>Satisfactory Netherlands achievements for surveying and nautical charting in the MACHC area; but more emphasis is needed in our MACHC community for the co-operation in small scale ENC and INT-paper charts (see para 3.4 and 6.2 of this report)</p>