21st Meeting of the Meso America – Caribbean Sea Hydrographic Commission

National Report by Brazil

Directorate of Hydrography and Navigation Brazilian Navy





Top achievements during the year

Solved the problem of remote access by the regional hydrographic offices to hydrographic and cartographic databases located at DHN (Niterói, State of Rio de Janeiro)

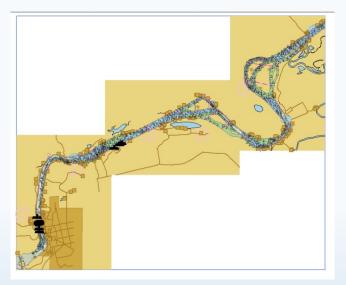
Macapá





Top achievements during the year

Progress in the training of the regional hydrographic offices in the Amazon (Belém and Manaus) associated with post-processing of hydrographic data and production of charts





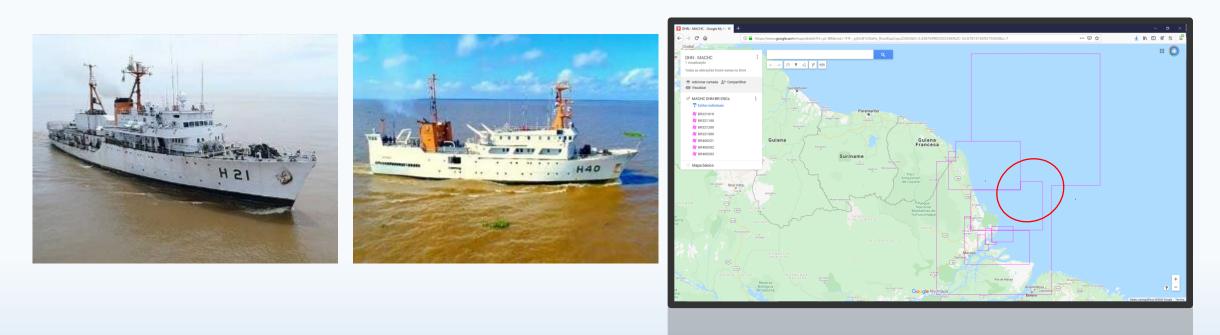






Top achievements during the year

Update of Electronic Navigational Charts at the mouth of the Amazon River, based on the new parameters for the tide reduction for the region.







Top challenges and/or obstructions

- Reduced the work capacity due to the COVID-19 pandemic
- Need to upgrade Oracle database management systems, CARIS HPD and Bathy DataBASE applications, as well as migration to the Oracle Exadata environment in preparation for the S-100 standard



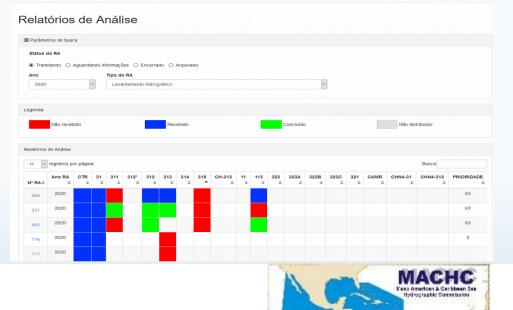




Top plans that affect the region

- Update the Navigational Warning system, looking for a web solution with structured data
- Expand the capabilities of the chart production control system that maps and measures the production flow
- Continue with the work to increase the training of regional hydrographic offices in the Amazon so that they become fully autonomous (survey analysis and chart production)

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Alterar												
	Legenda	Número	Modelo	Publicação	Cancelamento	Tibulo	Cartas	Cancelados	Feito por	Revisado por	Verificado por	
Exduir		S X000(/20	P9_MANOBRAS_HILITARES_HORARIODIARIO	10/12/2020 00:00	17/12/2020 22:00	LESTE DA ILHA DE SAO	23100 (INT 2124)		25G+IN JORGE			
Copier		\$ 1000(/20	P9_MANOBRAS_MILITARES_HORARIODIARIO	10/12/2020 00:00	17/12/2020 22:00	SUDDESTE DA ILHA DE			25G HN JORGE			
		E X000/20	P9_MANOBRAS_MILITARES_HORARIDDIARIO	04/12/2020 00:00	18/12/2020 21:00	ENTRE CABO CALCANH			15G-HN ANORE			
Editar Observações		S XXXX/20	P9_MANOBRAS_MILITARES_HORARIODIARIO	03/12/2020 00:00	10/12/2020 22:00	LESTE DA ILHA DE SAO			25G HN JORGE			
Arg, SafetyNet		S X000/20 E X000/20	P9_MANOBRAS_MILITARES_HORARIODIARIO P11_EVENTOS_NAUTICOS_DATAHORA	03/12/2020 00:00 27/11/2020 00:00	28/11/2020 22:00	SUDDESTE DA ILHA DE BAIA DO ESPIRITO SAN			25G HN JORGE CEHN MORAES			
And parerilities		E X000/20 E X000/20	P3 REBOOUE	27/11/2020 00:00	30/11/2020 19:00	REBOQUE	. 1401		SG-GC ROPSON			
Gerar PCP		HG XXXX/20	P11 EVENTOS NAUTICOS HORARIO DIARIO	27/11/2020 00:00	29/11/2020 23:00	R30 GUA/BA	2109	-	CB HN MORAES			
		\$ 1000/20	P9_MANOBRAS_MILITARES_HORARIODIARIO	27/11/2020 00:00	03/12/2020 22:00	SUDDESTE DA ILHA DE		-	25G-HN 30RGE			
		S XXXX/20	P9 INTERDICAO/ATTVACAO DE AREA DATAHORA	27/11/2020 00:00	02/12/2020 23:00	ILHA GRANDE - ENSEAD.		-	C8+IN MORAES			
		0000(/20	P9_INTERDICAO/ATIVACAO_DE_AREA_DATAHORA	27/11/2020 00:00	19/12/2020 01:00	SUDESTE DA ILHA DE S	23100 (INT 2124)		CB-GC NECOLLE			
		S X000/20	P9_MANOBRAS_MILITARES_HORARIODIARIO	26/11/2020 00:00	03/12/2020 22:00	LESTE DA ILHA DE SAD			25G-HN JORGE			
)000K/20	P9_MANOBRAS_MILITARES_HORARIODIARIO	26/11/2020 00:00	19/12/2020 01:00	SUL DO RIO DE JANEIRO			C8+IN MORAES			
		0000(/20	P9_OPERACAO_SHIP_TO_SHIP	26/11/2020 00:00	30/11/2020 00:00	SUL DE SANTOS	21070 (INT 2008)		25G-HN JORGE			
		E xxxx/20 5 xxxx/20	P9_MANOBRAS_MILITARES_DATAHORA	25/11/2020 00:00	04/12/2020 22:00	NORDESTE DE NATAL TUHA DA MARAMRAJA	22100 (INT 2114)		25G-HN JORGE			
		S XXXX/20 S XXXX/20	P9_MANOBRAS_HILITARES_HORARIODIARIO P9_MANOBRAS_HILITARES_DATAHORA	25/11/2020 00:00 25/11/2020 00:00	04/12/2020 22:00 04/12/2020 21:00	PROXIMIDADES DA PO	1443		CB-GC ETIBLLI SG-GC ROPSON			
		5 1000/20	PID LEVANTAMENTO SISMICO	23/11/2020 21:00	01/12/2020 04:00	BACIA DE CAMPOS	1550		CEHN MORAES			
		\$ 1000/20	P8. PLATAFORMA_INDIVIDUAL	23/11/2020 21:00	06/12/2020 12:30	SUDESTE DA ILHA DE S			C8+IN SIMOES			
		E 9846/20	13 CASCO SOCOBRADO	23/11/2020 12:00	22/05/2021 12:00	PROXIMIDADES DO PO	1102		15G HN ANDRE	CRIHN MORARS		
		E 9847/20	13_CASCO_SOCOBRADO	23/11/2020 12:00	22/05/2021 12:00	PROXIMIDADES DO PO			15G-HN ANDRE	CE-HN MORAES		
		S 9848/20	13_CASCO_SOCOBRADO	23/11/2020 02:50	22/05/2021 02:50	PROXIMIDADES DA PRA.	23200 (0/7 2125)		25G-HN JORGE	C8-HN MORAES		
		SAR 0359/20	00_CANCELAR	23/11/2020 00:15	25/11/2020 00:15	CANCELAR		SAR 0358/20	25G HN JORGE	25G-HN JORGE	SO HN (RM1) GON	ZAGA
		E 0852/20	P3_REBOQUE	23/11/2020 00:00	24/11/2020 01:00	REBOQUE			SG-GC ROPSON	25G-HN JORGE	SO HN (RM1) GON	
		S 0851/20	P3_REBOQUE	23/11/2020 00:00	04/12/2020 08:00	REBOQUE			C8+IN SIMOES	25G-HN JORGE	SO HN (RM1) GON	ZAGA
		SAR 0358/20	18_SAR_EMBARCACAO_COM_TRIPULANTES	22/11/2020 21:12	21/05/2021 21:12	PROXIMIDADES DO RIO.			25G HN JORGE	25G-HN JORGE		
		E 0850/20 E 0849/20	00_CANOBLAR	22/11/2020 19:55	24/11/2020 19:55	CANCELAR NAVAREA V		E 0848/20	25G-HN JORGE 25G-HN JORGE	25G-HN JORGE 25G-HN JORGE		
		E 0849/20 E 0848/20	P8_PLATAFORMA_QUINZENAL P8_PLATAFORMA_QUINZENAL	22/11/2020 19:50 22/11/2020 12:50	06/12/2020 12:30 06/12/2020 12:30	NAVAREA V			25G HN JORGE	25G-HN JORGE		
		E 0848/20 S 0847/20	PS_PLATAFORMA_QUINZENAL PS_PLATAFORMA_QUINZENAL	22/11/2020 12:50	06/12/2020 12:30	NAVAREA V NAVAREA V			25G HN JORGE	25G-HN JORGE		
	_	0374/20	P3.REBOQUE	22/11/2020 00:00	25/11/2020 16:30	REBOQUE			SG-GC ROPSON	19G-HN ANDRE		
		5 9845/20	01 BRANCO	22/11/2020 00:00	28/11/2020 01:00	PROXIMIDADES DA PO	1902	-	SG-GC ROPSON	150-HN ANDRE		
		E 9844/20	P6_OPERACOES_SUBAQUATICAS_DATAHORA	21/11/2020 20:40	23/11/2020 21:00	PROXIMEDADES DO PO		-	15G-HN ANDRE	15G-HN ANDRE		
		E 9043/20	P6 OPERACOES SUBAQUATICAS DATAHORA	21/11/2020 20:36	23/11/2020 21:00	PROXIMEDADES DO PO		-	15G-HN ANDRE	19G-HN ANDRE		
		E 9842/20	11_SN_PERMANENTE_ALTERACOES	21/11/2020 15:00	20/05/2021 15:00	CANAL DE ACESSO AD	1401		15G HN ANDRE	15G-HN ANDRE		
		E 9841/20	P3_REBOQUE	21/11/2020 01:45	21/11/2020 14:00	REBOQUE			SG-GC ROPSON	SG-GC ROPSON		
		S 9840/20	01_BRANCO	21/11/2020 00:26	23/11/2020 17:00	BAIA DE GUANABARA	1501		SG-GC ROPSON	SG-GC ROPSON		
		E 0845/20	P8_PLATAFORMA_INDIVIDUAL	21/11/2020 00:00	22/11/2020 12:30	LESTE DA PONTA DO C			SG-GC ROPSON	SG-GC ROPSON		
		E 9839/20	P11_EVENTOS_NAUTICOS_DATAHORA	21/11/2020 00:00	22/11/2020 18:30	BAIA DE VITORIA	1401		CB-HN MORAES	SG-GC ROPSON		
		S 0846/20	P3_REBOQUE	21/11/2020 00:00	28/11/2020 00:00	REBOQUE		-	C8+IN SIMOES	SG-GC ROPSON		
		S 9838/20 F 9837/20	P11_EVENTOS_NAUTICOS_DATAHORA P6 OPERACOES SUBACUATICAS HORARIO DIARIO	21/11/2020 00:00 20/11/2020 21:15	22/11/2020 19:00 26/11/2020 22:00	BAIA DA ILHA GRANDE	1636	-	CB HN MORAES SG-GC ROPSON	SG-GC ROPSON		
		E 9837/20 SAR 0357/20	P6_OPERACOES_SUBAQUATICAS_HORARIO_DIARIO 00_CANCELAR	20/11/2020 21:15	26/11/2020 22:00	CANCELAR CANCELAR	1410	SAR 0356/20	SG-GC ROPSON	SG-GC ROPSON		
Producão		0373/20	P3 REBOOLE	20/11/2020 21:10	26/11/2020 21:10	REBOQUE		0369/20	SG-GC ROPSON	SG-GC ROPSON		
		N 9836/20	00 CANDELAR	20/11/2020 17:00	22/11/2020 17:00	CANCELAR		N 8826/20	SG-GC ROPSON	SG-GC ROPSON		
rvisado		SAR 0356/20	18 HOMEM AO MAR COM TRIPULANTES	20/11/2020 14:53	19/05/2021 14:53	PROXIMIDADES DO PO	201		SG-GC ROPSON	SG-GC ROPSON	-	
		E 9835/20	00 CANCELAR	20/11/2020 14:45	22/11/2020 14:45	CANCELAR		E 9812/20	SG-GC ROPSON	SG-GC ROPSON	-	
sprovado		E 9834/20	01 BRANCO	20/11/2020 14:37	21/11/2020 14:00	PROXIMIDADES DO PO	1102		CB HN MORAES	SG-GC ROPSON		
n Verr		0371/20	P 10_LEVW/TAMENTO_SISMICO	20/11/2020 00:00	28/11/2020 04:00	SUDESTE DE CABO FRIO		0362/20	15G-HN ANDRE	CE-HN SEMICES		
ngor		S 9831/20	I1 SN PERMANENTE ALTERACOES	19/11/2020 23:20	18/05/2021 23:20	PROXIMIDADES DA ILH	1531	-	C8 HN SIMOES	CB-HN SEMICES		
celados		5 9832/20	11 SN PERMANENTE ALTERACOES	19/11/2020 23:20	18/05/2021 23:20	PROXIMIDADES DA ILH	1619		CB HN SIMOES	CB-HN SIMOES		





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