

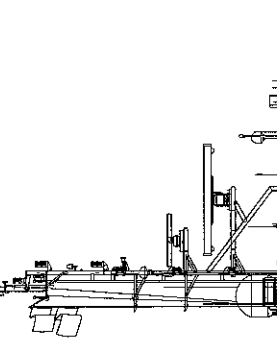
HAUTEUR DE LA QUILLE AU NIVEAU DES FESSES, AU-DESSUS DE LA LIGNE DE BASE (mm)

| Distance | 1000 | 2000 | 2400 | 2800 | 3000 |
|----------|------|------|------|------|------|
| 1 | 100 | 100 | 100 | 100 | 100 |
| 2 | 100 | 100 | 100 | 100 | 100 |
| 3 | 100 | 100 | 100 | 100 | 100 |
| 4 | 100 | 100 | 100 | 100 | 100 |
| 5 | 100 | 100 | 100 | 100 | 100 |
| 6 | 100 | 100 | 100 | 100 | 100 |
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| 8 | 100 | 100 | 100 | 100 | 100 |
| 9 | 100 | 100 | 100 | 100 | 100 |
| 10 | 100 | 100 | 100 | 100 | 100 |
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| 13 | 100 | 100 | 100 | 100 | 100 |
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| 18 | 100 | 100 | 100 | 100 | 100 |
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| 27 | 100 | 100 | 100 | 100 | 100 |
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| 29 | 100 | 100 | 100 | 100 | 100 |
| 30 | 100 | 100 | 100 | 100 | 100 |
| 31 | 100 | 100 | 100 | 100 | 100 |
| 32 | 100 | 100 | 100 | 100 | 100 |
| 33 | 100 | 100 | 100 | 100 | 100 |
| 34 | 100 | 100 | 100 | 100 | 100 |
| 35 | 100 | 100 | 100 | 100 | 100 |
| 36 | 100 | 100 | 100 | 100 | 100 |
| 37 | 100 | 100 | 100 | 100 | 100 |
| 38 | 100 | 100 | 100 | 100 | 100 |
| 39 | 100 | 100 | 100 | 100 | 100 |
| 40 | 100 | 100 | 100 | 100 | 100 |
| 41 | 100 | 100 | 100 | 100 | 100 |
| 42 | 100 | 100 | 100 | 100 | 100 |

PROFIL LIGNE DE QUILLE

| Distance | 1000 | 2000 | 2400 | 2800 | 3000 |
|----------|------|------|------|------|------|
| 1 | 100 | 100 | 100 | 100 | 100 |
| 2 | 100 | 100 | 100 | 100 | 100 |
| 3 | 100 | 100 | 100 | 100 | 100 |
| 4 | 100 | 100 | 100 | 100 | 100 |
| 5 | 100 | 100 | 100 | 100 | 100 |
| 6 | 100 | 100 | 100 | 100 | 100 |
| 7 | 100 | 100 | 100 | 100 | 100 |
| 8 | 100 | 100 | 100 | 100 | 100 |
| 9 | 100 | 100 | 100 | 100 | 100 |
| 10 | 100 | 100 | 100 | 100 | 100 |
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| 13 | 100 | 100 | 100 | 100 | 100 |
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| 22 | 100 | 100 | 100 | 100 | 100 |
| 23 | 100 | 100 | 100 | 100 | 100 |
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| 33 | 100 | 100 | 100 | 100 | 100 |
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| 36 | 100 | 100 | 100 | 100 | 100 |
| 37 | 100 | 100 | 100 | 100 | 100 |
| 38 | 100 | 100 | 100 | 100 | 100 |
| 39 | 100 | 100 | 100 | 100 | 100 |
| 40 | 100 | 100 | 100 | 100 | 100 |
| 41 | 100 | 100 | 100 | 100 | 100 |
| 42 | 100 | 100 | 100 | 100 | 100 |

PROFIL



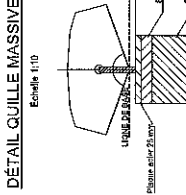
TOIT DU PONT DE LA PASSERELLE



PONT DE LA PASSERELLE



PONT PRINCIPAL



PREMIERES REMARQUES SUR LA POSITION :

1. AUCUN TRAILLAGE EN STAINLESS STEEL (316) PERMIS.
2. AMARRAGE DES CHARGES DE CONCEPTION EN STAINLESS STEEL (316) PERMIS.
3. AUCUN TRAILLAGE EN STAINLESS STEEL (316) PERMIS.
4. TRAILLAGE AU NIVEAU DES MEMBRES 1, 11, 31 ET 311.
5. RESISTANCE DU TRAILLAGE EN STAINLESS STEEL (316) PERMIS.
6. BONDING À 500 mV max.
7. AUCUN TRAILLAGE EN STAINLESS STEEL (316) PERMIS.
8. LA HAUTEUR MINIMALE POUR QUELQUE BOUT DE TRAILLAGE EN STAINLESS STEEL (316) PERMIS. LES SOUVERAINS, LES MEMBRES ET LES ARRIBES SONT EN 100% ANK.

DOCUMENTS DE REFERENCE :

1. ASSEMBLY, GENERAL ARRANGEMENT PLAN
2. APPROVAL, PLAN ARRANGEMENT CADAVRE PLAN
3. APPROVAL, LIGNES PLAN
4. APPROVAL, WATERLOO BULKHEAD PLANS
5. APPROVAL, LIGNES PLAN ET DIVERS RECTIONS PLANS
6. APPROVAL, LIGNES PLAN ET DIVERS RECTIONS PLANS
7. APPROVAL, LIGNES PLAN ET DIVERS RECTIONS PLANS

PRINCIPALES DIMENSIONS :

LONGUEUR TOTALE 62.85 m
 BARRIS 7 m
 LUMIERE TONNEAU 3.77 m
 PROFONDEUR A HAUTEUR DE MEMBRE 14 1.000 mm
 Ecartement des membrures 1.000 mm

DEPLACEMENT :

DESIGNATION HAWKINS NATIONAL LINE DE CHARGES 666 741
 DESIGNATION HAWKINS LINE 666 000
 DESIGNATION HAWKINS LINE 666 000
 DESIGNATION HAWKINS LINE 666 000

NGCC CORPORAL MCLAREN M.M.V.

GARDE CÔTIÈRE CANADIENNE

international contract engineering

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 1000 LAURENCE AVE. E.
 SCARBOROUGH, ONTARIO
 M1S 1W9

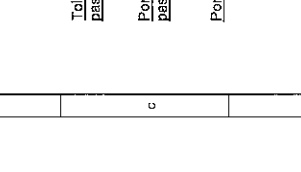
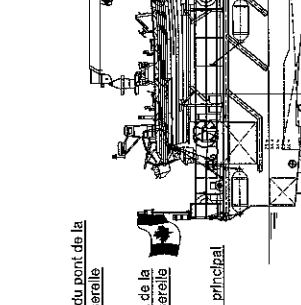
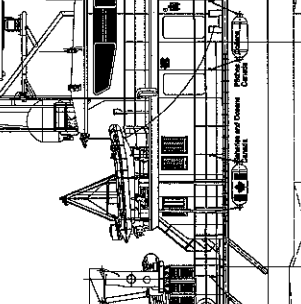
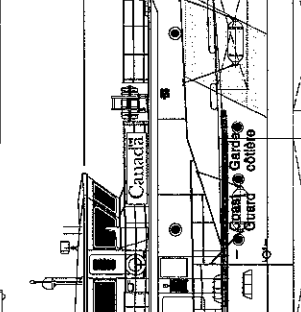
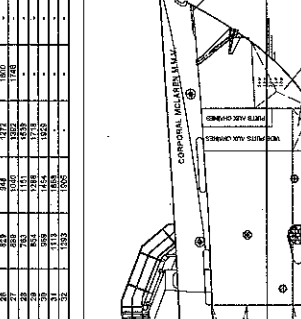
Membre 1

Membre 9

Membre 17

Membre 25

Membre 31



TOIT DU PONT DE LA PASSERELLE

PONT DE LA PASSERELLE

PONT PRINCIPAL

Membre 1

Membre 9

Membre 17

Membre 25

Membre 31

SOUS LE PONT PRINCIPAL

Membre 1

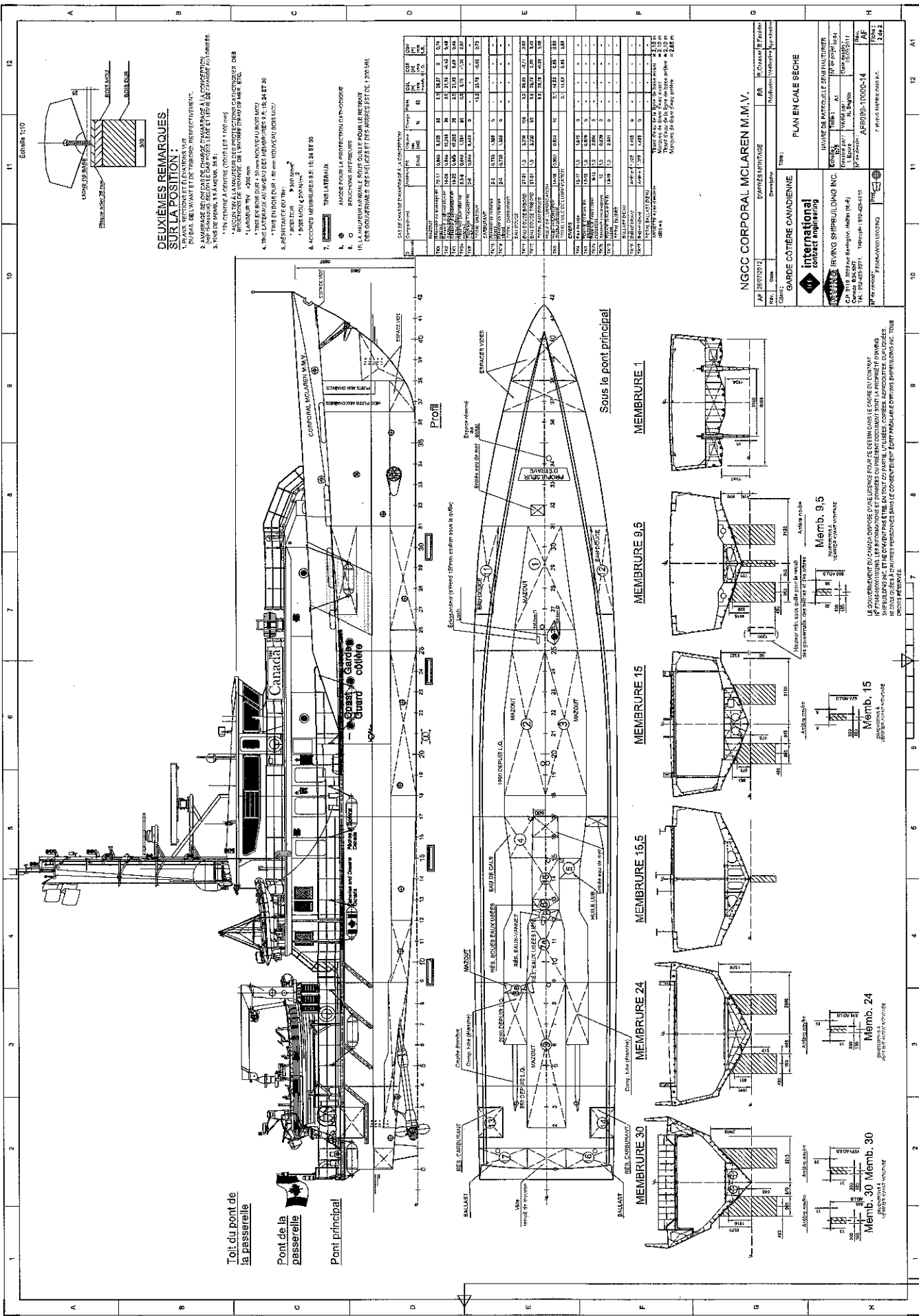
Membre 9

Membre 17

Membre 25

Membre 31

LE GOUVERNEMENT DU CANADA DÉPOSE UNE LICENCE POUR LE CADRE DU CONTRAT D'INGÉNIERIE. LES INFORMATIONS ET DONNÉES DÉCRITIVES DOCUMENTÉES À PROPOSER SONT SOUS LE DROIT DE PROPRIÉTÉ INTÉLECTUELLE DE INTERNATIONAL CONTRACT ENGINEERING INC. LE GOUVERNEMENT DU CANADA DÉPOSE UNE LICENCE POUR LE CADRE DU CONTRAT D'INGÉNIERIE. LES INFORMATIONS ET DONNÉES DÉCRITIVES DOCUMENTÉES À PROPOSER SONT SOUS LE DROIT DE PROPRIÉTÉ INTÉLECTUELLE DE INTERNATIONAL CONTRACT ENGINEERING INC.



DEUXIÈMES REMARQUES SUR LA POSITION *

1. DANS LES PARTIES DE LA PASSERELLE EN BAS, DE L'AVANT ET D'ARRIÈRE, RECTIFIQUÉMENT.
2. AVALANCHE DE L'AVANT DE CHARGE D'AVANCE À LA CONCEPTION EN UN SEUL BLOC.
3. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC.
4. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC.
5. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC.
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10. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC.
11. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC.
12. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC.

1. LARGUEUR: 700 mm
2. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC
3. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC
4. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC
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10. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC
11. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC
12. TOUTES LES PARTIES DE LA PASSERELLE SONT EN UN SEUL BLOC

TABLEAU DES MATIÈRES

| Description | Quantité | | Unité | Réf. |
|------------------|----------|---------|----------------|------|
| | Longueur | Surface | | |
| Acier - Profilé | 1500 | 1500 | m | 1 |
| Acier - Plaque | 1000 | 1000 | m ² | 2 |
| Acier - Tôle | 500 | 500 | m ² | 3 |
| Acier - Barre | 200 | 200 | m | 4 |
| Acier - Cylindre | 100 | 100 | m | 5 |
| Acier - Tube | 50 | 50 | m | 6 |
| Acier - Tige | 20 | 20 | m | 7 |
| Acier - Rivet | 10 | 10 | kg | 8 |
| Acier - Boulon | 5 | 5 | kg | 9 |
| Acier - Vis | 2 | 2 | kg | 10 |
| Acier - Écrou | 1 | 1 | kg | 11 |
| Acier - Rondelle | 1 | 1 | kg | 12 |
| Acier - Serrure | 1 | 1 | kg | 13 |
| Acier - Goupille | 1 | 1 | kg | 14 |
| Acier - Ancrage | 1 | 1 | kg | 15 |
| Acier - Support | 1 | 1 | kg | 16 |
| Acier - Poutre | 1 | 1 | kg | 17 |
| Acier - Colonne | 1 | 1 | kg | 18 |
| Acier - Plaque | 1 | 1 | kg | 19 |
| Acier - Tôle | 1 | 1 | kg | 20 |
| Acier - Barre | 1 | 1 | kg | 21 |
| Acier - Cylindre | 1 | 1 | kg | 22 |
| Acier - Tube | 1 | 1 | kg | 23 |
| Acier - Tige | 1 | 1 | kg | 24 |
| Acier - Rivet | 1 | 1 | kg | 25 |
| Acier - Boulon | 1 | 1 | kg | 26 |
| Acier - Vis | 1 | 1 | kg | 27 |
| Acier - Écrou | 1 | 1 | kg | 28 |
| Acier - Rondelle | 1 | 1 | kg | 29 |
| Acier - Serrure | 1 | 1 | kg | 30 |
| Acier - Goupille | 1 | 1 | kg | 31 |
| Acier - Ancrage | 1 | 1 | kg | 32 |
| Acier - Support | 1 | 1 | kg | 33 |
| Acier - Poutre | 1 | 1 | kg | 34 |
| Acier - Colonne | 1 | 1 | kg | 35 |
| Acier - Plaque | 1 | 1 | kg | 36 |
| Acier - Tôle | 1 | 1 | kg | 37 |
| Acier - Barre | 1 | 1 | kg | 38 |
| Acier - Cylindre | 1 | 1 | kg | 39 |
| Acier - Tube | 1 | 1 | kg | 40 |
| Acier - Tige | 1 | 1 | kg | 41 |
| Acier - Rivet | 1 | 1 | kg | 42 |
| Acier - Boulon | 1 | 1 | kg | 43 |
| Acier - Vis | 1 | 1 | kg | 44 |
| Acier - Écrou | 1 | 1 | kg | 45 |
| Acier - Rondelle | 1 | 1 | kg | 46 |
| Acier - Serrure | 1 | 1 | kg | 47 |
| Acier - Goupille | 1 | 1 | kg | 48 |
| Acier - Ancrage | 1 | 1 | kg | 49 |
| Acier - Support | 1 | 1 | kg | 50 |
| Acier - Poutre | 1 | 1 | kg | 51 |
| Acier - Colonne | 1 | 1 | kg | 52 |
| Acier - Plaque | 1 | 1 | kg | 53 |
| Acier - Tôle | 1 | 1 | kg | 54 |
| Acier - Barre | 1 | 1 | kg | 55 |
| Acier - Cylindre | 1 | 1 | kg | 56 |
| Acier - Tube | 1 | 1 | kg | 57 |
| Acier - Tige | 1 | 1 | kg | 58 |
| Acier - Rivet | 1 | 1 | kg | 59 |
| Acier - Boulon | 1 | 1 | kg | 60 |
| Acier - Vis | 1 | 1 | kg | 61 |
| Acier - Écrou | 1 | 1 | kg | 62 |
| Acier - Rondelle | 1 | 1 | kg | 63 |
| Acier - Serrure | 1 | 1 | kg | 64 |
| Acier - Goupille | 1 | 1 | kg | 65 |
| Acier - Ancrage | 1 | 1 | kg | 66 |
| Acier - Support | 1 | 1 | kg | 67 |
| Acier - Poutre | 1 | 1 | kg | 68 |
| Acier - Colonne | 1 | 1 | kg | 69 |
| Acier - Plaque | 1 | 1 | kg | 70 |
| Acier - Tôle | 1 | 1 | kg | 71 |
| Acier - Barre | 1 | 1 | kg | 72 |
| Acier - Cylindre | 1 | 1 | kg | 73 |
| Acier - Tube | 1 | 1 | kg | 74 |
| Acier - Tige | 1 | 1 | kg | 75 |
| Acier - Rivet | 1 | 1 | kg | 76 |
| Acier - Boulon | 1 | 1 | kg | 77 |
| Acier - Vis | 1 | 1 | kg | 78 |
| Acier - Écrou | 1 | 1 | kg | 79 |
| Acier - Rondelle | 1 | 1 | kg | 80 |
| Acier - Serrure | 1 | 1 | kg | 81 |
| Acier - Goupille | 1 | 1 | kg | 82 |
| Acier - Ancrage | 1 | 1 | kg | 83 |
| Acier - Support | 1 | 1 | kg | 84 |
| Acier - Poutre | 1 | 1 | kg | 85 |
| Acier - Colonne | 1 | 1 | kg | 86 |
| Acier - Plaque | 1 | 1 | kg | 87 |
| Acier - Tôle | 1 | 1 | kg | 88 |
| Acier - Barre | 1 | 1 | kg | 89 |
| Acier - Cylindre | 1 | 1 | kg | 90 |
| Acier - Tube | 1 | 1 | kg | 91 |
| Acier - Tige | 1 | 1 | kg | 92 |
| Acier - Rivet | 1 | 1 | kg | 93 |
| Acier - Boulon | 1 | 1 | kg | 94 |
| Acier - Vis | 1 | 1 | kg | 95 |
| Acier - Écrou | 1 | 1 | kg | 96 |
| Acier - Rondelle | 1 | 1 | kg | 97 |
| Acier - Serrure | 1 | 1 | kg | 98 |
| Acier - Goupille | 1 | 1 | kg | 99 |
| Acier - Ancrage | 1 | 1 | kg | 100 |

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Garde Catière Canadienne
international contact engineering

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 Télécopieur: (514) 392-1112
 Fax: (514) 392-1113

Plan en cale sèche

AF 10/20/2012
 Client: Dymore/Énergie
 Titre: Installation de passerelle

Échelle: 1:10

LE GOUVERNEMENT DU QUÉBEC DÉPOSE D'UNE DÉMARCHE POUR CE BREVET DANS LE CADRE DU COMPTÉRIENT DE LA PROTECTION DES BREVETS INDUSTRIELS. LE BREVET EST DÉPOSÉ EN NOME DE L'ÉTAT DU QUÉBEC. LE GOUVERNEMENT DU QUÉBEC DÉPOSE D'UNE DÉMARCHE POUR CE BREVET DANS LE CADRE DU COMPTÉRIENT DE LA PROTECTION DES BREVETS INDUSTRIELS. LE BREVET EST DÉPOSÉ EN NOME DE L'ÉTAT DU QUÉBEC.

Memb. 9.5
 Section transversale
 Hauteur: 150 mm
 Largeur: 150 mm
 Épaisseur: 10 mm

Memb. 15
 Section transversale
 Hauteur: 150 mm
 Largeur: 150 mm
 Épaisseur: 10 mm

Memb. 24
 Section transversale
 Hauteur: 150 mm
 Largeur: 150 mm
 Épaisseur: 10 mm

Memb. 30
 Section transversale
 Hauteur: 150 mm
 Largeur: 150 mm
 Épaisseur: 10 mm

CENTERLINE PROFILE
Above Baseline

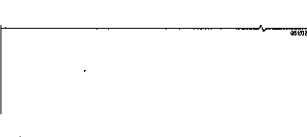
| Frame | 1000 | 1500 | 2000 | 2500 | 3000 |
|-------|------|------|------|------|------|
| 1 | 771 | 824 | 1287 | 1534 | 1534 |
| 2 | 771 | 824 | 1287 | 1534 | 1534 |
| 3 | 771 | 824 | 1287 | 1534 | 1534 |
| 4 | 771 | 824 | 1287 | 1534 | 1534 |
| 5 | 771 | 824 | 1287 | 1534 | 1534 |
| 6 | 771 | 824 | 1287 | 1534 | 1534 |
| 7 | 771 | 824 | 1287 | 1534 | 1534 |
| 8 | 771 | 824 | 1287 | 1534 | 1534 |
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| 10 | 771 | 824 | 1287 | 1534 | 1534 |
| 11 | 771 | 824 | 1287 | 1534 | 1534 |
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| 20 | 771 | 824 | 1287 | 1534 | 1534 |
| 21 | 771 | 824 | 1287 | 1534 | 1534 |
| 22 | 771 | 824 | 1287 | 1534 | 1534 |
| 23 | 771 | 824 | 1287 | 1534 | 1534 |
| 24 | 771 | 824 | 1287 | 1534 | 1534 |
| 25 | 771 | 824 | 1287 | 1534 | 1534 |
| 26 | 771 | 824 | 1287 | 1534 | 1534 |
| 27 | 771 | 824 | 1287 | 1534 | 1534 |
| 28 | 771 | 824 | 1287 | 1534 | 1534 |
| 29 | 771 | 824 | 1287 | 1534 | 1534 |
| 30 | 771 | 824 | 1287 | 1534 | 1534 |
| 31 | 771 | 824 | 1287 | 1534 | 1534 |
| 32 | 771 | 824 | 1287 | 1534 | 1534 |
| 33 | 771 | 824 | 1287 | 1534 | 1534 |
| 34 | 771 | 824 | 1287 | 1534 | 1534 |
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| 37 | 771 | 824 | 1287 | 1534 | 1534 |
| 38 | 771 | 824 | 1287 | 1534 | 1534 |
| 39 | 771 | 824 | 1287 | 1534 | 1534 |
| 40 | 771 | 824 | 1287 | 1534 | 1534 |
| 41 | 771 | 824 | 1287 | 1534 | 1534 |
| 42 | 771 | 824 | 1287 | 1534 | 1534 |

BUTTOCK MOULDED HEIGHTS ABOVE BASELINE (mm)

| Frame | 1000 | 1500 | 2000 | 2500 | 3000 |
|-------|------|------|------|------|------|
| 1 | 771 | 824 | 1287 | 1534 | 1534 |
| 2 | 771 | 824 | 1287 | 1534 | 1534 |
| 3 | 771 | 824 | 1287 | 1534 | 1534 |
| 4 | 771 | 824 | 1287 | 1534 | 1534 |
| 5 | 771 | 824 | 1287 | 1534 | 1534 |
| 6 | 771 | 824 | 1287 | 1534 | 1534 |
| 7 | 771 | 824 | 1287 | 1534 | 1534 |
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| 10 | 771 | 824 | 1287 | 1534 | 1534 |
| 11 | 771 | 824 | 1287 | 1534 | 1534 |
| 12 | 771 | 824 | 1287 | 1534 | 1534 |
| 13 | 771 | 824 | 1287 | 1534 | 1534 |
| 14 | 771 | 824 | 1287 | 1534 | 1534 |
| 15 | 771 | 824 | 1287 | 1534 | 1534 |
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| 26 | 771 | 824 | 1287 | 1534 | 1534 |
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| 30 | 771 | 824 | 1287 | 1534 | 1534 |
| 31 | 771 | 824 | 1287 | 1534 | 1534 |
| 32 | 771 | 824 | 1287 | 1534 | 1534 |
| 33 | 771 | 824 | 1287 | 1534 | 1534 |
| 34 | 771 | 824 | 1287 | 1534 | 1534 |
| 35 | 771 | 824 | 1287 | 1534 | 1534 |
| 36 | 771 | 824 | 1287 | 1534 | 1534 |
| 37 | 771 | 824 | 1287 | 1534 | 1534 |
| 38 | 771 | 824 | 1287 | 1534 | 1534 |
| 39 | 771 | 824 | 1287 | 1534 | 1534 |
| 40 | 771 | 824 | 1287 | 1534 | 1534 |
| 41 | 771 | 824 | 1287 | 1534 | 1534 |
| 42 | 771 | 824 | 1287 | 1534 | 1534 |

FIRST POSITION NOTES:

1. ALL SECTIONS AND BAYINGS ARE LOOKING FORWARD AND FROM FORWARD RESPECTIVELY. SECOND POSITION IS FROM AFT AND FROM AFT RESPECTIVELY.
2. MOORING PORTLINE IS TO BE MOORED IN LINE WITH THE CENTERLINE AND TO BE MOORED IN LINE WITH THE CENTERLINE AND TO BE MOORED IN LINE WITH THE CENTERLINE.
3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
6. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
8. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
9. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.
10. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.



- REFERENCE DOCUMENTS:**
1. CANADIAN COAST GUARD REGULATIONS
 2. CANADIAN COAST GUARD REGULATIONS
 3. CANADIAN COAST GUARD REGULATIONS
 4. CANADIAN COAST GUARD REGULATIONS
 5. CANADIAN COAST GUARD REGULATIONS
 6. CANADIAN COAST GUARD REGULATIONS
 7. CANADIAN COAST GUARD REGULATIONS
 8. CANADIAN COAST GUARD REGULATIONS
 9. CANADIAN COAST GUARD REGULATIONS
 10. CANADIAN COAST GUARD REGULATIONS

MAIN DIMENSIONS:

LENGTH OVERALL: 42.00 m
 BEAM: 7.5 m
 DEPTH TO W/L: 3.7 m
 FRAME SPACING: 3000 mm

DISPLACEMENT:

MAXIMUM DESIGN DISPLACEMENT (LOAD LINE): 26578 t
 MAXIMUM DESIGN DISPLACEMENT (LOAD LINE): 23501 t
 MAXIMUM DESIGN DISPLACEMENT (LOAD LINE): 24300 t



REFERENCE DOCUMENTS:

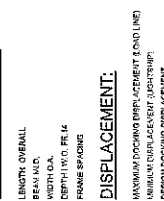
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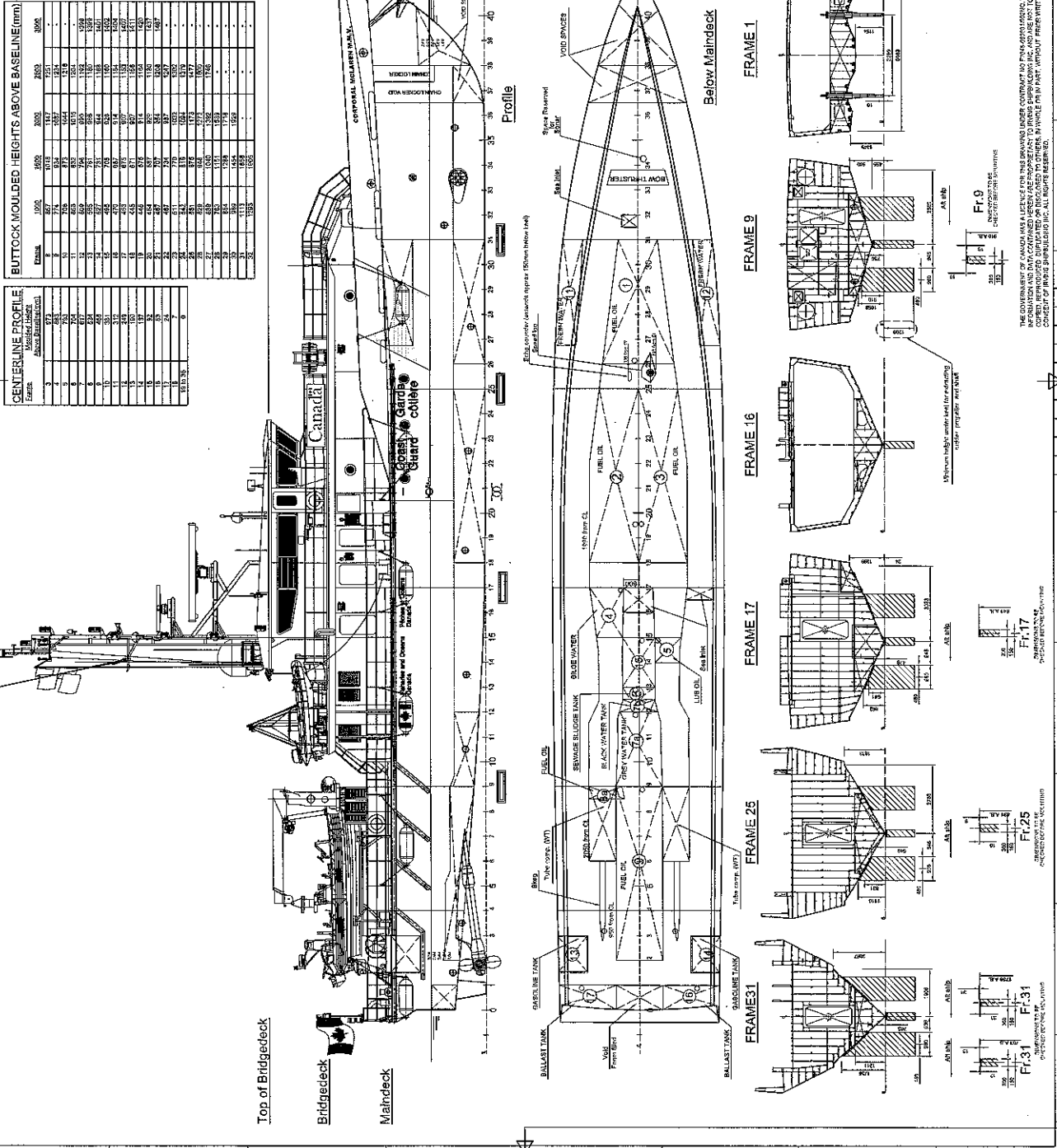
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DRY-DOCKING PLAN

CGGS CORPORAL MCLAREN M.M.V.

AP: 10/10/2012
 Rev: 1
 Date: 10/10/2012
 Client: CANADIAN COAST GUARD
 Title: DRY-DOCKING PLAN

APPROVED: [Signature]
 CONTRACTING ENGINEER
 international
 1000 SHEPPARD AVENUE EAST, SUITE 100
 SCARBOROUGH, ONTARIO M1S 1T6
 CANADA
 TEL: (416) 291-2377
 FAX: (416) 291-2378
 WWW.INTL-ENG.COM

FRAMES 1 TO 42

Minimum height indicated for erecting
 vessel component per frame

AT 1000
 AT 1500
 AT 2000
 AT 2500
 AT 3000

Fr. 9
 Fr. 17
 Fr. 25
 Fr. 31

FRAMES 1 TO 42

Minimum height indicated for erecting
 vessel component per frame

AT 1000
 AT 1500
 AT 2000
 AT 2500
 AT 3000

Fr. 9
 Fr. 17
 Fr. 25
 Fr. 31

FRAMES 1 TO 42

Minimum height indicated for erecting
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 AT 2500
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Fr. 9
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 Fr. 25
 Fr. 31

FRAMES 1 TO 42

Minimum height indicated for erecting
 vessel component per frame

AT 1000
 AT 1500
 AT 2000
 AT 2500
 AT 3000

Fr. 9
 Fr. 17
 Fr. 25
 Fr. 31

FRAMES 1 TO 42

Minimum height indicated for erecting
 vessel component per frame

AT 1000
 AT 1500
 AT 2000
 AT 2500
 AT 3000

Fr. 9
 Fr. 17
 Fr. 25
 Fr. 31

Scale 1:10

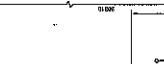


SECOND POSITION NOTES:

- 1. PLANES, SECTIONS AND ELEVATIONS ARE LOOKING DOWNWARD, FORWARD AND FROM EXTERIOR, RESPECTIVELY.
- 2. DIMENSIONS ARE GIVEN UNLESS OTHERWISE SPECIFIED.
- 3. APPROXIMATELY ACCORDING TO DESIGN ENGINEERING CONVENTIONS.
- 4. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE.
- 5. DIMENSIONS TO CENTRE OF GRAVITY ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE OF GRAVITY (S) (VERTICAL) (mm)
 - * TO GRAVITY (M) (HORIZONTAL) (mm)
- 6. DIMENSIONS TO THE FACE OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO FACE (S) (VERTICAL) (mm)
 - * TO FACE (M) (HORIZONTAL) (mm)
- 7. DIMENSIONS TO THE CENTRE OF GRAVITY OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE (S) (VERTICAL) (mm)
 - * TO CENTRE (M) (HORIZONTAL) (mm)
- 8. DIMENSIONS TO THE CENTRE OF GRAVITY OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE (S) (VERTICAL) (mm)
 - * TO CENTRE (M) (HORIZONTAL) (mm)
- 9. DIMENSIONS TO THE CENTRE OF GRAVITY OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE (S) (VERTICAL) (mm)
 - * TO CENTRE (M) (HORIZONTAL) (mm)
- 10. DIMENSIONS TO THE CENTRE OF GRAVITY OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE (S) (VERTICAL) (mm)
 - * TO CENTRE (M) (HORIZONTAL) (mm)
- 11. DIMENSIONS TO THE CENTRE OF GRAVITY OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE (S) (VERTICAL) (mm)
 - * TO CENTRE (M) (HORIZONTAL) (mm)
- 12. DIMENSIONS TO THE CENTRE OF GRAVITY OF THE MEMBER ARE SPECIFIED AS FOLLOWS:
 - * TO CENTRE (S) (VERTICAL) (mm)
 - * TO CENTRE (M) (HORIZONTAL) (mm)

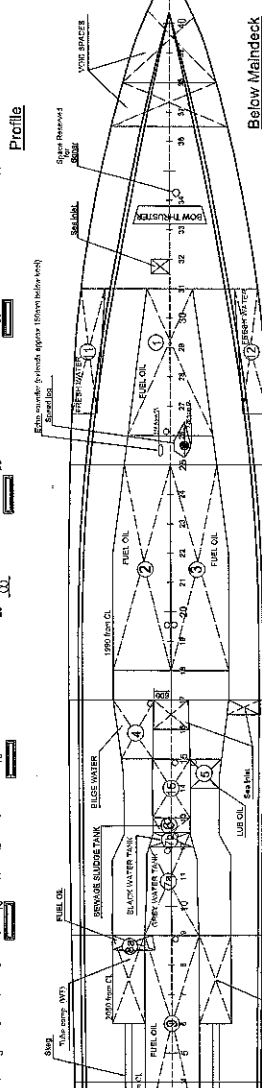
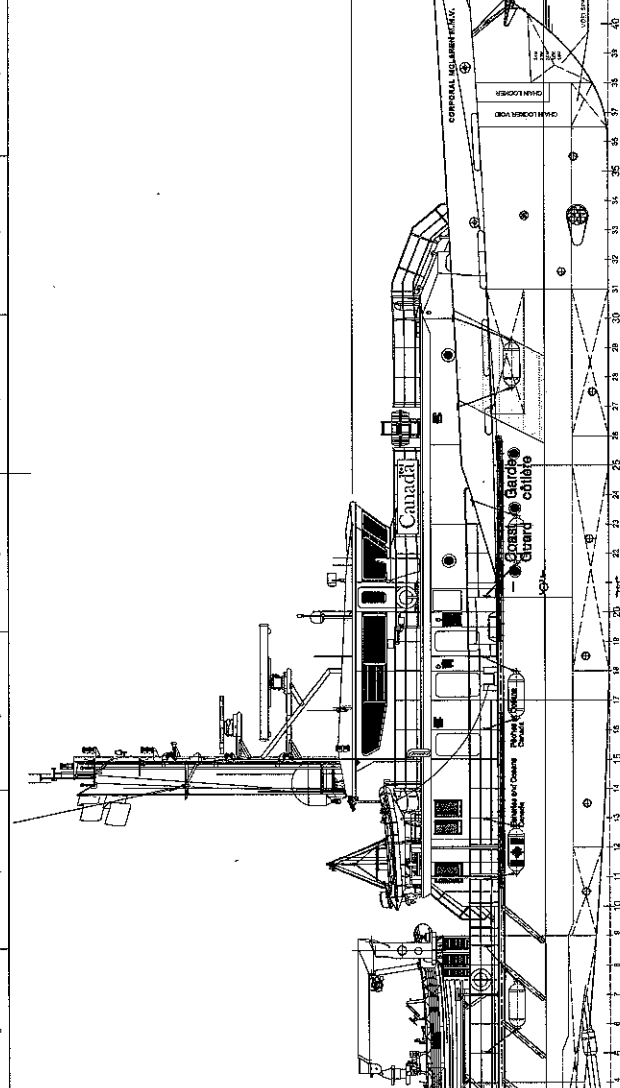
RESISTANCE TO CORROSION

| Item | Component | Material | Thickness | Min. Temp. | Max. Temp. | Min. Sp. Corr. | Max. Sp. Corr. | Min. Sp. Corr. | Max. Sp. Corr. | Notes |
|------|-----------|----------|-----------|------------|------------|----------------|----------------|----------------|----------------|-------|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 13 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 14 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 15 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 16 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 17 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 18 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 19 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 20 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 21 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 22 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 23 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 24 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 25 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 26 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 27 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 28 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 29 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 30 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |



RESISTANCE TO CORROSION

| Item | Component | Material | Thickness | Min. Temp. | Max. Temp. | Min. Sp. Corr. | Max. Sp. Corr. | Min. Sp. Corr. | Max. Sp. Corr. | Notes |
|------|-----------|----------|-----------|------------|------------|----------------|----------------|----------------|----------------|-------|
| 31 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 32 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 33 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 34 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 35 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 36 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 37 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 38 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 39 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |
| 40 | STEEL | CS | 10 | -30 | 70 | 0.02 | 0.04 | 0.02 | 0.04 | 1000 |



FRAME 1

FRAME 9.5

FRAME 15

FRAME 15.5

FRAME 24

FRAME 30

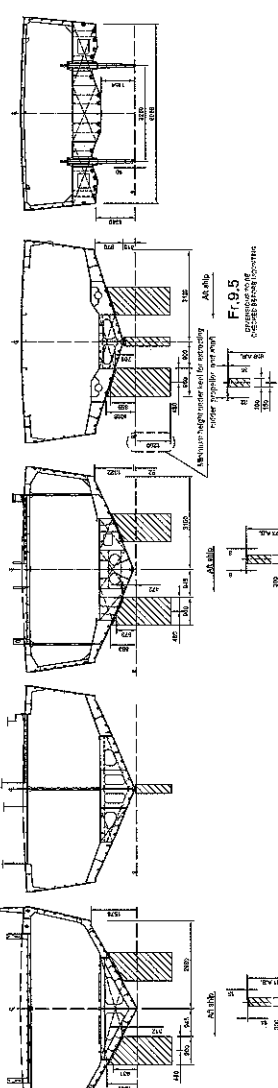
FRAME 30

FRAME 30

FRAME 30

FRAME 30

FRAME 30



FRAME 1

FRAME 9.5

FRAME 15

FRAME 15.5

FRAME 24

FRAME 30

FRAME 30

FRAME 30

FRAME 30

FRAME 30

FRAME 30

FRAME 30

FRAME 30

FRAME 30

COGS CORPORAL MCLAREN M.M.V.

| Part | Draw | Description | Title |
|------|--------|----------------------|------------------|
| AF-1 | 200712 | CANADIAN COAST GUARD | DRY-DOCKING PLAN |
| Rev | Draw | Description | Title |
| 1 | | | |
| 2 | | | |
| 3 | | | |

international contract engineering

INTERNATIONAL CONTRACT ENGINEERING INC.
 1000 Lakeshore Blvd. West, Suite 2100
 North York, Ontario M6K 1L9, Canada
 Tel: (416) 491-1000, Fax: (416) 491-1001, Email: info@iceng.ca

CLIENT: CANADIAN COAST GUARD

PROJECT: CANADIAN COAST GUARD MCMV

DESIGNER: AFR0095-10000-14

DATE: 2007-12

SCALE: AS SHOWN

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